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USAFETAC/DS-90/225

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# SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR  
BRADSHAW AAF, HI

Prepared by

OL-A, USAFETAC  
ASHEVILLE, NORTH CAROLINA  
28801-2723

AUGUST 1990

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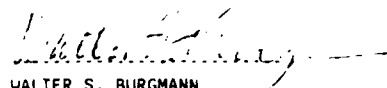
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28 SEP 1990

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12A. DISTRIBUTION/AVAILABILITY STATEMENT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.

13. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A, USAFETAC CLIMATIC DATABASE.

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## PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCS (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCS NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SFCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCS." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.

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\*\*\* NOTE: THE AWS CLIMATIC BRIEF IS ATTACHED AT THE END OF THE SOCS \*\*\*

## INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: MAY 80 - APR 90 (AIRWAYS).

SUMMARY OF DAY DATA: AUG 79 - APR 90 (PART TIME - CLOSED NIGHTS/WEEKENDS/HOLIDAYS).

HOURS SUMMARIZED: 0700 LST THROUGH 1500 LST

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

### TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY. NOTE: EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS ARE NOT REFLECTED IN THESE SUMMARIES.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

NOTE 1. DURING PART TIME PERIODS, THE FIRST AND LAST 3-HOUR PERIODS MAY HAVE SIGNIFICANT SHORTFALLS IN OBSERVATION COUNTS.

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

\* UTC REPLACED GMT ON 1 AUGUST 1988

NOTE: OL-A/USAFETAC DERIVES STATION LATITUDE/LONGITUDE COORDINATES AND AIRFIELD ELEVATION DATA FROM THE AWS MASTER STATION CATALOG. THIS INFORMATION IS PRESENTED ON THE AWS CLIMATIC BRIEF FOR EACH STATION. THE STATION DATA MAY DIFFER FROM INFORMATION CONTAINED IN THE SOCS STATION HISTORY (DATA SUPPLIED BY AWS UNITS). THE STATION DATA MAY ALSO VARY FROM DATA PRESENTED IN DOD FLIGHT INFORMATION PUBLICATIONS (FLIP).



STATION NO. ON SUMMARY 911977		STATION NAME BRADSHAW AAF, HI		LATITUDE N 19 46		LONGITUDE W 155 33		FLD ELEV (FT) 6189		CALL SIGN PHSF		WMO NMBR	
STATION LOCATION AND INSTRUMENTATION HISTORY													
Nmbr of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	Elev Above MSL		OBS PER DAY				
			From	To			FLD (FT)	BARO (FT)					
1	BRADSHAW AAF, HI	AF	SEP 77	JUN 90	N 19 46	W 155 33	6189	UNKN	6-9*				
	Jun, Jul 80, Feb 81 Not avbl. Closed weekends, holidays  *Jan, Feb 82 24 obs/day												
SURFACE WIND EQUIPMENT INFORMATION													
Nmbr of Loc	Date of Change	LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDITIONAL EQUIP- MENT, OR REASON FOR CHANGE							
1		Unknown	Unkn	Unkn	Unkn								

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	AAAAAA
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	AAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPPP	AA AA	RRRRRRRR	TT	AA AA
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	AAAAAAAAA
PP	AAAAAAAAA	RR RR	TT	AAAAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAE OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL YEARS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

NOTE 4: DURING PART TIME PERIODS, THESE TABLES MAY NOT ACCURATELY REFLECT NIGHTTIME AND/OR WEEKEND OCCURRENCES OF CERTAIN PHENOMENA.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08		3.6				3.6	4.5	.3			8.4	308
09-11		3.3				3.3	2.1	.3			5.7	661
12-14	.2	5.0				5.0	2.4	.5			7.9	634
15-17		5.6				5.6	3.6	5.6			14.9	195
18-20												0
21-23												0
ALL HOURS	.1	4.2				4.2	2.8	.9			8.0	1798

MONTH: FEB

00-02												0
03-05												0
06-08	.4	5.6				5.6	2.4				8.0	249
09-11		4.7				4.7	2.6	.5			7.8	579
12-14	.9	6.8				6.8	3.5	1.1			11.3	548
15-17	2.3	9.7				9.7	5.1	3.4			18.2	176
18-20												0
21-23												0
ALL HOURS	.6	6.1				6.1	3.2	1.6			10.2	1552

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAR

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08		2.8				2.8	3.1				5.9	288
09-11		2.7				2.7	2.1	.5		.2	5.4	663
12-14	1.2	7.1				7.1	2.5	2.5			12.1	645
15-17	2.1	8.2				8.2	5.6	5.6			19.5	195
18-20												0
21-23												0
ALL HOURS	.7	4.9				4.9	2.8	1.7		.1	9.4	1791

MONTH: APR

00-02												0
03-05												0
06-08		1.4				1.4	.7	.7			2.7	292
09-11		2.8				2.8	1.2	.6			4.6	649
12-14	.6	6.4				6.4	4.2	4.3			15.0	621
15-17		11.7		.5		12.2	10.1	6.4			28.7	188
18-20												0
21-23												0
ALL HOURS	.2	4.8		.1		4.9	3.1	2.6			10.6	1750

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF H1  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08		.3				.3	1.1				1.4	348
09-11		.7				.7	.1	.1			1.0	720
12-14	1.0	5.0				5.0	2.3	1.8			9.1	682
15-17	.9	11.6				11.6	6.0	3.2			20.8	216
18-20												0
21-23												0
ALL HOURS	.5	3.3				3.3	1.7	1.0			6.1	1966

MONTH: JUN

00-02												0
03-05												0
06-08												349
09-11		.4				.4					.4	702
12-14		3.0				3.0	1.3	.1			4.5	672
15-17		7.2				7.2	3.8	1.0			12.0	208
18-20												0
21-23												0
ALL HOURS		2.0				2.0	.9	.2			3.0	1931

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JUL

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08		1.5				1.5	1.5	.3			3.4	325
09-11		1.5				1.5	.4				1.9	678
12-14	.8	3.8				3.8	2.0	.6			6.4	660
15-17	1.4	8.6				8.6	4.3	1.4			14.3	210
18-20												0
21-23												0
ALL HOURS	.4	3.1				3.1	1.6	.4			5.1	1873

MONTH: AUG

00-02												0
03-05												0
06-08		1.5				1.5	.3				1.8	325
09-11		1.1				1.1	.1				1.2	728
12-14	.1	4.3				4.3	1.6	.1		.3	6.2	705
15-17	.4	8.5				8.5	4.5	.4		.4	13.9	223
18-20												0
21-23												0
ALL HOURS	.1	3.1				3.1	1.2	.1		.2	4.5	1981



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08		1.0				1.0	.3	.3			1.6	307
09-11		1.0				1.0		.7			1.7	686
12-14	1.0	4.9				4.9	.6	2.4			7.9	667
15-17	1.4	9.1				9.1	2.4	4.8			16.3	209
18-20												0
21-23												0
ALL HOURS	.5	3.3				3.3	.5	1.7			5.6	1869

MONTH: OCT

00-02												0
03-05												0
06-08							.6	.6			1.3	312
09-11		.8				.8	.3				1.1	710
12-14	.3	4.9				4.9	.9				5.8	691
15-17	2.3	11.6				11.6	2.8	.5			14.8	216
18-20												0
21-23												0
ALL HOURS	.4	3.4				3.4	.8	.2			4.4	1929

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: NOV

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08		1.6				1.6	1.2				2.9	245
09-11	.2	1.6				1.6	.5				2.1	567
12-14	.4	2.3				2.3	.8	.2			3.2	525
15-17	.6	5.1				5.1	2.5	1.9			9.6	157
18-20												0
21-23												0
ALL HOURS	.3	2.2				2.2	.9	.3			3.4	1494

MONTH: DEC

00-02												0
03-05												0
06-08		2.9				2.9	2.5				5.5	238
09-11		2.0				2.0	1.8				3.7	564
12-14		1.7				1.7	.8	.6			3.0	527
15-17	.6	3.9				3.9	3.9	1.3			9.1	154
18-20												0
21-23												0
ALL HOURS	.1	2.2				2.2	1.8	.3			4.3	1483

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.1	4.2				4.2	2.8	.9			8.0	1798
FEB	.6	6.1				6.1	3.2	1.0			10.2	1552
MAR	.7	4.9				4.9	2.8	1.7		.1	9.4	1791
APR	.2	4.8		.1		4.9	3.1	2.6			10.6	1750
MAY	.5	3.3				3.3	1.7	1.0			6.1	1966
JUN		2.0				2.0	.9	.2			3.0	1931
JUL	.4	3.1				3.1	1.6	.4			5.1	1873
AUG	.1	3.1				3.1	1.2	.1		.2	4.5	1981
SEP	.5	3.3				3.3	.5	1.7			5.6	1869
OCT	.4	3.4				3.4	.8	.2			4.4	1929
NOV	.3	2.2				2.2	.9	.3			3.4	1494
DEC	.1	2.2				2.2	1.8	.3			4.3	1483
ANNUAL	.3	3.5		.0		3.5	1.7	.9		.0	6.2	21417

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: 7908-9004  
MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.9	12.8		.4	.4	12.8	13.7	5.1			23.1	234
FEB	5.0	18.5		.5		18.5	12.0	4.0			26.0	200
MAR	2.9	16.7			.4	16.7	9.6	5.9			24.3	239
APR	1.2	18.7		.8		18.7	11.2	7.1			26.1	241
MAY	2.1	16.5		.4	.4	16.5	9.1	3.7			23.5	243
JUN		10.0				10.0	5.9	.5			12.8	219
JUL	2.9	12.9				12.9	9.6	1.9			19.6	209
AUG	1.9	12.4				12.4	7.1	.7			16.1	267
SEP	3.2	17.7				17.7	6.8	6.4			24.9	249
OCT	4.9	19.5				19.5	5.6	1.5			21.8	266
NOV	.5	10.1				10.1	3.7	2.3			13.8	218
DEC	.5	7.3				7.3	6.8	1.9			12.1	206
ANNUAL	2.2	14.6		.2	.1	14.6	8.4	3.4			20.5	2791

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02												
03-05												
06-08		.4										
09-11											.2	
12-14	.2	.9	1.2	.6	1.0		.8	.1	1.0	.3	.4	
15-17		2.3	2.1		.9		1.4	.4	1.4	2.3	.6	.6
18-20												
21-23												
ALL HOURS	.1	.6	.7	.2	.5		.4	.1	.5	.4	.3	.1
TOTAL OBS	1798	1552	1791	1750	1966	1931	1873	1981	1869	1929	1494	1483

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	321 - 039	040 - 130	131 - 219	220 - 320	NO OF OBS	
TSTMS						100.0	1	
LIQUID PRECIP	14.5		1.3	28.9	11.8	43.4	76	
FREEZING PRECIP								
FROZEN PRECIP								
FOG	28.0		2.0	20.0	10.0	40.0	50	
FOG WITH VIS GE 1/2 MILES	22.2		2.2	22.2	11.1	42.2	45	
TOTAL OBS	180	0	37	513	258	810	0	1798

MONTH: FEB HOURS: ALL

TSTMS	10.0			10.0	20.0	60.0		10
LIQUID PRECIP	13.3		13.3	17.8	5.6	50.0		90
FREEZING PRECIP								
FROZEN PRECIP								
FOG	10.4		6.3	20.8	6.3	56.3		48
FOG WITH VIS GE 1/2 MILES	10.9		6.5	21.7	6.5	54.3		46
TOTAL OBS	156	0	69	299	165	863	0	1552

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	321 - 039	040 - 130	131 - 219	220 - 320	NO OF OBS
TSTMS	8.3		8.3	16.7	25.0	41.7	12
LIQUID PRECIP	15.7		4.8	30.1	10.8	38.6	83
FREEZING PRECIP							
FROZEN PRECIP							
FOG	8.3		4.2	27.1	2.1	58.3	48
FOG WITH VIS GE 1/2 MILES	8.9		4.4	28.9	2.2	55.6	45
TOTAL OBS	154	0	28	496	280	833	0 1791

MONTH: APR HOURS: ALL

TSTMS				25.0		75.0	4
LIQUID PRECIP	7.2		6.0	14.5	20.5	51.8	83
FREEZING PRECIP							
FROZEN PRECIP						100.0	1
FOG	3.7		5.6	9.3	16.7	64.8	54
FOG WITH VIS GE 1/2 MILES	3.8		5.8	9.6	17.3	63.5	52
TOTAL OBS	161	0	28	339	324	898	0 1750

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	321 - 039	040 - 130	131 - 219	220 - 320	NO OF OBS
TSTMS				60.0	10.0	30.0	10
LIQUID PRECIP	3.3			6.7	11.7	78.3	60
FREEZING PRECIP							
FROZEN PRECIP					100.0		1
FOG	8.8				14.7	76.5	34
FOG WITH VIS GE 1/2 MILES	9.1				15.2	75.8	33
TOTAL OBS	123	0	19	457	302	1065	0 1966

MONTH: JUN HOURS: ALL

TSTMS							
LIQUID PRECIP	5.3		2.6	5.3	21.1	65.8	38
FREEZING PRECIP							
FROZEN PRECIP							
FOG	5.9				17.6	76.5	17
FOG WITH VIS GE 1/2 MILES	6.3				18.8	75.0	16
TOTAL OBS	138	0	22	441	312	1018	0 1931



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	321 - 039	040 - 130	131 - 219	220 - 320	NO OF OBS
TSTMS	12.5		12.5	25.0	12.5	37.5	8
LIQUID PRECIP	13.2			41.5	3.8	41.5	53
FREEZING PRECIP							
FROZEN PRECIP							
FOG	16.7			20.0	3.3	60.0	30
FOG WITH VIS GE 1/2 MILES	16.7			20.0	3.3	60.0	30
TOTAL OBS	123	0	30	531	371	818	0 1873

MONTH: AUG HOURS: ALL

TSTMS				50.0		50.0	2
LIQUID PRECIP	11.7		1.7	33.3	13.3	40.0	60
FREEZING PRECIP							
FROZEN PRECIP							
FOG	13.0			17.4		69.6	23
FOG WITH VIS GE 1/2 MILES	15.0			20.0		65.0	20
TOTAL OBS	191	0	48	418	407	917	0 1981

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	321 - 039	040 - 130	131 - 219	220 - 320	NO OF OBS
TSTMS	20.0		10.0	10.0	10.0	50.0	10
LIQUID PRECIP	5.4		1.8	26.8	16.1	50.0	56
FREEZING PRECIP							
FROZEN PRECIP							
FOG	33.3			22.2		44.4	9
FOG WITH VIS GE 1/2 MILES	37.5			25.0		37.5	8
TOTAL OBS	193	0	24	291	285	1076	0 1869

MONTH: OCT HOURS: ALL

TSTMS				14.3	14.3	71.4	7
LIQUID PRECIP	6.5		1.6	9.7	14.5	67.7	62
FREEZING PRECIP							
FROZEN PRECIP							
FOG	18.8					81.3	16
FOG WITH VIS GE 1/2 MILES	21.4					78.6	14
TOTAL OBS	187	0	20	389	260	1073	0 1929

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	321 - 039	040 - 130	131 - 219	220 - 320	NO OF OBS
TSTMS	25.0			25.0		50.0	4
LIQUID PRECIP	3.2		3.2	38.7	6.	48.4	31
FREEZING PRECIP							
FROZEN PRECIP							
FOG	14.3		7.1	28.6	7.1	42.9	14
FOG WITH VIS GE 1/2 MILES				40.0		60.0	10
TOTAL OBS	105	0	22	504	250	613	1494

MONTH: DEC HOURS: ALL

TSTMS						100.0	1
LIQUID PRECIP	12.1		3.0	36.4	6.1	42.4	33
FREEZING PRECIP							
FROZEN PRECIP							
FOG	15.4			15.4		69.2	26
FOG WITH VIS GE 1/2 MILES	13.6			18.2		68.2	22
TOTAL OBS	154	0	25	388	191	725	1483

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	321 - 039	040 - 130	131 - 219	220 - 320	NO OF OBS
TSTMS	8.7		4.3	23.2	13.0	50.7	69
LIQUID PRECIP	9.9		3.9	23.2	12.0	51.0	725
FREEZING PRECIP							
FROZEN PRECIP					50.0	50.0	2
FOG	13.3		2.7	15.7	7.6	60.7	369
FOG WITH VIS GE 1/2 MILES	12.3		2.6	17.0	7.9	60.1	341
TOTAL OBS	1865	0	372	5066	3405	10709	0 21417

PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	BBBBBBBBB
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	BBBBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPPP	AA AA	RRRRRRRR	TT	BBBBBBBBBB
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	BBBBBBBBBB
PP	AAAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBBBB

## PART B

### PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

#### PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

#### MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

#### DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (\*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

#### SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN POR.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE		NAVY AND NATIONAL WEATHER SERVICE	
THROUGH 1945:	0800 LST	THROUGH JUN 1952:	0030 GMT
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT

NOTE 7. 24-HOUR PRECIPITATION (INCLUDING SNOWFALL AND SNOW DEPTH) VALUES DERIVED FROM PART TIME PERIODS MAY NOT REFLECT TRUE 24-HOUR AMOUNTS. RECORDED AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS. IN ADDITION, 24-HOUR AMOUNTS MAY NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT" AMOUNT. DATA FROM PART TIME PERIODS MAY NOT ACCURATELY REFLECT NIGHTTIME PRECIPITATION EVENTS.

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS
- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: 7908-9004  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	73.2	70.5	71.1	65.1	69.1	79.3	72.0	72.6	63.4	64.2	76.1	78.4	71.0
TRACE	7.4	4.5	7.9	10.0	10.3	7.4	8.2	10.2	8.5	10.9	6.6	6.4	8.3
.01	1.7	2.0	1.7	5.0	2.1	1.8	1.9	1.5	4.5	4.5	2.8	2.9	2.7
.02-.05	3.9	5.5	4.2	7.1	5.8	5.5	4.8	3.0	5.7	5.3	3.8	3.4	4.8
.06-.10	4.3	3.0	2.9	2.1	3.3	.5	2.4	2.3	6.9	4.2	3.8	.5	3.1
.11-.25	2.6	5.5	4.6	4.1	4.5	2.8	4.8	4.5	5.7	4.9	1.9	2.5	4.1
.26-.50	.9	3.5	2.5	1.7	3.3	1.8	2.4	3.8	2.8	3.8	1.9	1.5	2.5
.51-1.00	3.0	3.0	2.5	3.3	1.2	.9	2.4	1.1	1.6	1.9	1.4	2.9	2.1
1.01-2.50	2.2	2.0	1.7	1.7	.4		1.0	1.1	.8	.4	1.4	.5	1.1
2.51-5.00	.9	.5	.8								.5	.5	.3
5.01-10.00												.5	.0
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	19.5	25.0	20.9	24.9	20.6	13.4	19.8	17.3	28.0	24.9	17.4	15.2	20.7
TOTAL NO. OF OBSERVATIONS	231	200	239	241	243	217	207	266	246	265	213	204	2772



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: 7908-9004  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
79								.63*	.06*	3.48*	5.01*	.05*	9.23*
80	6.83*	1.68*	5.62*	1.18*	.79*			.56*	1.48*	.15*	.00*	.22*	18.51*
81	TRACE*		.73*	.07	.13*	.00*	TRACE*	1.21*	.41*	.29*	.64*	4.42*	7.90*
82	2.69*	4.66*	6.21*	2.12*	.20*	.68*	3.43*	2.91*	1.55	1.00*	1.52*	.94*	27.91*
83	.01*	.00*	.00*	.14*	.06*	1.59*	TRACE*	.63*	1.44	1.01*	.00*	.86*	5.74*
84	.16*	.18*	.50*	1.24*	.78	TRACE	.62*	.19	1.13*	.22*	1.01*	1.00*	7.03*
85	1.70*	1.99*	1.44*	1.02*	1.39*	.02*	.38*	2.26*	.57*	1.15	1.28*	.07*	13.27*
86	.05*	2.06*	.30*	5.36*	1.68	.38*	.93*	.91*	2.43*	.38	2.30*	1.47*	18.25*
87	.00*	.26*	.41*	.61*	.50*	.57*	1.06*	.00*	1.40*	1.48*	.74*	6.42*	13.45*
88	1.88*	.31*	1.93*	.82*	.67*	.41	1.16*	2.09*	.56*	.53*	1.43*	1.53*	13.32*
89	2.34*	2.52*	1.66*	2.36*	3.15*	.57*	1.77*	.72*	1.07*	2.52*	TRACE*	1.11*	19.79*
90	6.45*	4.16*	3.49*	.11*									14.21*
LEAST				.07	.78	TRACE		.19	1.44	.38			
GREATEST	6.83	4.66	6.21	5.36	3.15	1.59	3.43	2.91	2.43	3.48	5.01	6.42	27.91
MEAN													
MEDIAN													
SD													
TOTAL OBS	231	200	239	241	243	217	207	266	246	265	213	204	2772

THE GREATEST VALUE OF 6.83 OCCURRED ON 01/80

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: 7908-9004  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
79								.32*	.02*	.97*	4.57*	.04*	4.57*
80	4.31*	.83*	3.78*	1.13*	.39*			.39*	1.33*	.10*	.00*	.15*	4.31*
81	TRACE*		.37*	.04	.07*	.00*	TRACE*	1.15*	.11*	.14*	.58*	3.98*	3.98*
82	1.78*	2.55*	2.10*	.65*	.10*	.39*	1.12*	.50*	.39	.48*	1.30*	.91*	2.55*
83	.01*	.00*	.00*	.07*	.03*	.73*	TRACE*	.21*	.71	.58*	.00*	.86*	.86*
84	.15*	.15*	.46*	.94*	.35	TRACE	.35*	.17	.57*	.19*	.39*	.63*	.94*
85	1.16*	.66*	.92*	.43*	.91*	.02*	.32*	1.88*	.22*	.42	1.24*	.04*	1.88*
86	.05*	1.68*	.14*	2.04*	.38	.22*	.33*	.64*	1.44*	.33	1.77*	1.46*	2.04*
87	.00*	.25*	.22*	.54*	.24*	.30*	.45*	.00*	.71*	.29*	.65*	5.70*	5.70*
88	1.83*	.16*	.83*	.56*	.61*	.33	.95*	1.27*	.18*	.24*	.72*	.86*	1.83*
89	.61*	1.05*	1.53*	.65*	1.08*	.57*	1.04*	.56*	.54*	1.29*	TRACE*	.94*	1.53*
90	3.15*	1.63*	3.19*	.09*									3.19*

GREATEST	4.31	2.55	3.78	2.04	1.08	.73	1.12	1.88	1.44	1.29	4.57	5.70	5.70
TOTAL OBS	231	200	239	241	243	217	207	266	246	265	213	204	2772

THE GREATEST VALUE OF 5.70 OCCURRED ON 12/14/87

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: 7908-9004  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	99.6	100.0	100.0	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9
TRACE	.4			.8	.4								.1
0.1-0.4													
0.5-1.4													
1.5-2.4													
2.5-3.4													
3.5-4.4													
4.5-6.4													
6.5-10.4													
10.5-15.4													
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS													
TOTAL NO. OF OBSERVATIONS	231	200	239	241	243	217	208	267	247	266	213	204	2776

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: 7908-9004  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
79								.0*	.0*	.0*	.0*	.0*	.0*
80	.0*	.0*	.0*	.0*	.0*			.0*	.0*	.0*	.0*	.0*	.0*
81	.0*		.0*	.0	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
82	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0	.0*	.0*	.0*	.0*
83	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0	.0*	.0*	.0*	.0*
84	.0*	.0*	.0*	.0*	.0	.0	.0*	.0	.0	.0*	.0*	.0*	.0*
85	TRACE*	.0*	.0*	TRACE*	TRACE*	.0*	.0*	.0*	.0*	.0	.0*	.0*	TRACE*
86	.0*	.0*	.0*	.0*	.0	.0*	.0*	.0*	.0*	.0	.0*	.0*	.0*
87	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
88	.0*	.0*	.0*	.0*	.0*	.0	.0*	.0*	.0*	.0*	.0*	.0*	.0*
89	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
90	.0*	.0*	.0*	.0*									.0*
LEAST				.0	.0	.0		.0	.0	.0			
GREATEST	TRACE	.0	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE
MEAN													
MEDIAN													
SD													
TOTAL OBS	231	200	239	241	243	217	208	267	247	266	213	204	2776

THE GREATEST VALUE OF TRACE OCCURRED ON 01/85

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: 7908-9004  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
79								.0*	.0*	.0*	.0*	.0*	.0*
80	.0*	.0*	.0*	.0*	.0*			.0*	.0*	.0*	.0*	.0*	.0*
81	.0*		.0*	.0	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
82	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0	.0*	.0*	.0*	.0*
83	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0	.0*	.0*	.0*	.0*
84	.0*	.0*	.0*	.0*	.0	.0	.0*	.0	.0	.0*	.0*	.0*	.0*
85	TRACE*	.0*	.0*	TRACE*	TRACE*	.0*	.0*	.0*	.0*	.0	.0*	.0*	TRACE*
86	.0*	.0*	.0*	.0*	.0	.0*	.0*	.0*	.0*	.0	.0*	.0*	.0*
87	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
88	.0*	.0*	.0*	.0*	.0*	.0	.0*	.0*	.0*	.0*	.0*	.0*	.0*
89	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
90	.0*	.0*	.0*	.0*									.0*
GREATEST	TRACE	.0	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE
TOTAL OBS	231	200	239	241	243	217	208	261	247	266	213	204	2776

THE GREATEST VALUE OF TRACE OCCURRED ON 01/30/85

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: 7908-9004  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TRACE													
1													
2													
3													
4-6													
7-12													
13-24													
25-36													
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS													
TOTAL NO. OF OBSERVATIONS	231	200	239	241	243	217	208	267	247	266	213	204	2776

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: 7908-9004  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
79								0*	0*	0*	0*	0*	0*
80	0*	0*	0*	0*	0*			0*	0*	0*	0*	0*	0*
81	0*		0*	0	0*	0*	0*	0*	0*	0*	0*	0*	0*
82	0*	0*	0*	0*	0*	0*	0*	0*	0	0*	0*	0*	0*
83	0*	0*	0*	0*	0*	0*	0*	0*	0	0*	0*	0*	0*
84	0*	0*	0*	0*	0	0	0*	0	0	0*	0*	0*	0*
85	0*	0*	0*	0*	0*	0*	0*	0*	0*	0	0*	0*	0*
86	0*	0*	0*	0*	0	0*	0*	0*	0*	0	0*	0*	0*
87	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
88	0*	0*	0*	0*	0*	0	0*	0*	0*	0*	0*	0*	0*
89	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
90	0*	0*	0*	0*									0*
GREATEST	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
TOTAL OPS	231	200	239	241	243	217	208	267	247	266	213	204	2776

THE GREATEST VALUE OF 0 OCCURRED ON 08/01/79

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	CCCCC
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	CCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPP	AA AA	RRRRRRRR	TT	CC
PPPPPPPP	AAAAAAAAA	RRRRRRR	TT	CC
PP	AAAAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCC
PP	AA AA	RR RR	TT	CCCCC



PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS) THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET. IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED: WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: 8205-9004  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
82					24/*30	13/*22	15/*28	15/*33	15/ 31	29/*17	02/*34	13/*28	02/*34
83	14/*36	28/*23	15/*25	14/*23	14/*29	13/*19	13/*32	13/*34	12/*31	14/*26	12/*34	13/*33	14/*36
84	14/*32	14/*34	13/*34	14/*40	11/*36	12/*36	26/*37	12/ 32	25/*38	15/*32	11/*34	13/*41	13/*41
85	13/*31	12/*36	13/*48	12/*36	14/*38	14/*35	13/*35	12/*36	29/*18	13/*29	29/*25	08/*26	13/*48
86	36/*34	29/*31	14/*31	13/*48	12/ 31	13/*32	12/*45	13/*34	08/*30	13/ 36	13/*33	14/*34	13/*48
87	14/*30	30/*29	13/*34	13/*31	14/*27	16/*26	10/*29	16/*30	14/*30	12/*26	13/*37	10/*50	10/*50
88	11/*23	28/*28	12/*29	14/*28	11/*22	14/ 35	12/*38	10/*25	27/*28	13/*28	13/*42	13/*44	13/*44
89	14/*42	10/*32	10/*40	09/*31	11/*33	10/*28	06/*36	14/*22	20/*25	13/*30	13/*27	28/*20	14/*42
90	13/*40	06/*48	13/*37	13/*30									06/*48
.....													
GREATEST	14/ 42	06/ 48	13/ 48	13/ 48	14/ 38	12/ 36	12/ 45	12/ 36	25/ 38	13/ 36	13/ 42	10/ 50	10/ 50
.....													
TOTAL OBS	176	153	176	162	193	184	179	187	165	170	140	141	2026
.....													

THE PEAK WIND OF 50 FROM 10/ OCCURRED ON 12/18/87

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH  
\$THE VALUE IS 100 OR GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: 8205-9004  
MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS											MEAN MEDIAN		TOTAL OBS
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	WIND	WIND	
JAN	.0	1.7	30.7	29.5	14.8	11.4	7.4	3.4	1.1	.0	.0	19.3	17.0	176
FEB	.0	.7	31.4	32.7	11.8	12.4	8.5	1.3	1.3	.0	.0	19.2	17.0	153
MAR	.0	.0	20.5	36.9	18.8	10.2	10.2	1.7	1.7	.0	.0	20.3	18.0	176
APR	.0	.0	12.3	46.9	16.0	9.9	8.0	4.9	1.9	.0	.0	20.8	18.5	162
MAY	.0	.0	22.3	44.0	21.2	7.3	4.1	1.0	.0	.0	.0	18.4	17.0	193
JUN	.0	.0	19.6	41.3	23.4	11.4	2.2	2.2	.0	.0	.0	19.0	18.0	184
JUL	.0	1.1	13.4	30.7	29.6	11.2	10.6	2.2	1.1	.0	.0	21.1	20.0	179
AUG	.0	.5	20.9	31.6	33.2	5.9	7.0	1.1	.0	.0	.0	19.5	19.0	187
SEP	.0	3.0	27.3	34.5	18.8	10.9	4.8	.6	.0	.0	.0	18.0	17.0	165
OCT	.0	.6	16.5	47.1	21.2	11.2	2.9	.6	.0	.0	.0	18.7	18.0	170
NOV	.0	1.4	12.9	30.7	20.0	19.3	13.6	1.4	.7	.0	.0	21.6	21.0	140
DEC	.0	2.8	23.4	36.2	12.8	7.1	12.8	2.1	2.1	.7	.0	19.7	17.0	141
ANNUAL	.0	.9	20.9	37.0	20.5	10.5	7.5	1.9	.8	.0	.0	19.6	18.0	2026

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JAN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3											.3	2.0	2.0
020-040	3.2	.3										3.6	2.7	2.0
050-070	10.7	1.6										12.3	3.1	3.0
(E) 080-100	13.0	8.4	2.9	.6	.3							25.3	5.4	4.0
110-130	8.8	4.2	5.5	1.9								20.5	7.1	6.0
140-160	1.0		1.0									1.9	7.5	7.5
(S) 170-190		.3										.3	8.0	8.0
200-220														
230-250	.3											.3	4.0	4.0
(W) 260-280	1.0	.6	.3									2.9	5.3	5.0
290-310	.3	1.6										1.9	5.3	5.0
320-340	1.0	1.0										1.9	4.5	4.5
VARIABLE														
CALM	////////////////////											28.6	////////	
TOTALS	39.6	19.0	9.7	2.5	.3							100.0	3.8	4.0

TOTAL NUMBER OF OBSERVATIONS 308

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	.2	.2									.8	4.4	4.0
020-040		.2										.2	6.0	6.0
050-070	.5	.2	.5									1.1	6.7	5.0
(E) 080-100	.9	.5	2.0	.6								3.9	9.9	11.5
110-130	2.7	6.5	10.4	4.4	.9							25.0	10.7	11.0
140-160	3.5	4.5	2.7	2.0								12.7	8.2	8.0
(S) 170-190	2.0	1.8	.3									4.1	4.9	5.0
200-220	2.9	.5										3.3	2.8	2.5
230-250	4.8	2.7	.5									8.0	4.4	4.0
(W) 260-280	7.4	7.9	.8	.2								16.2	5.1	5.0
290-310	3.6	5.3	.8									9.7	5.4	5.0
320-340	1.4	1.2										2.6	4.8	4.0
VARIABLE														
CALM	////////////////////////////////////											12.6	////////////////////////////////	
TOTALS	30.2	31.5	18.2	7.2	.9							100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 661

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JAN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.2	.3									.6	8.3	8.5
020-040	.2											.2	2.0	2.0
050-070	.2											.2	3.0	3.0
(E) 080-100	.3	.9	.2	.2	.3							1.9	9.8	8.0
110-130	.3	1.3	8.7	2.5	1.7							14.5	13.2	12.0
140-160	.3	2.7	6.3	2.1	.3							11.7	11.5	11.0
(S) 170-190	.8	1.3	1.1	.2								3.3	7.8	7.0
200-220	.3	1.9	.5									2.7	6.6	7.0
230-250	2.5	5.4	3.2									11.0	7.0	7.0
(W) 260-280	5.0	20.0	5.7									30.8	6.9	7.0
290-310	2.7	14.5	3.3									20.5	6.9	7.0
320-340	.2	1.3	.3									1.7	7.0	7.0
VARIABLE														
CALM	////////////////////											.9	////////	
TOTALS	13.0	49.5	29.6	5.0	2.3							100.0	8.4	8.0

TOTAL NUMBER OF OBSERVATIONS 634

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010			.5									.5	14.0	14.0
020-040														
050-070		.5										.5	7.0	7.0
(E) 080-100		.5	.5	.5								1.5	11.7	10.0
110-130		2.6	6.2	.5	1.5							10.8	12.4	12.0
140-160	.5	3.6	1.5	2.6								8.2	10.4	9.0
(S) 170-190	.5	1.0	1.0									2.6	8.2	7.0
200-220	.5											.5	3.0	3.0
230-250	2.6	4.6	2.1									9.2	7.0	7.0
(W) 260-280	8.2	22.6	7.7									38.5	6.8	7.0
290-310	5.1	12.8	4.6									22.6	6.9	7.0
320-340	.5	2.1	1.0									3.6	6.9	6.0
VARIABLE														
CALM	////////////////////////////////////											1.5	////////////////////////////////	
TOTALS	17.9	50.3	25.1	3.6	1.5							100.0	7.8	8.0
TOTAL NUMBER OF OBSERVATIONS 195														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JAN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.1	.2									.6	6.5	5.0
020-040	.6	.1										.7	2.9	2.0
050-070	2.1	.4	.2									2.6	3.7	3.0
(E) 080-100	2.7	2.0	1.3	.4	.2							6.6	7.0	6.0
110-130	2.6	3.8	8.5	2.9	1.1							19.0	10.8	12.0
140-160	1.6	3.0	3.6	1.7	.1							10.0	9.7	10.0
(S) 170-190	1.1	1.3	.6	.1								3.0	6.4	6.0
200-220	1.2	.8	.2									2.2	4.4	3.5
230-250	3.0	3.4	1.5									7.9	6.0	6.0
(W) 260-280	5.6	12.7	3.2	.1								21.5	6.3	6.0
290-310	2.9	8.7	1.9									13.6	6.5	6.0
320-340	.8	1.3	.2									2.3	5.7	5.0
VARIABLE														
CALM	////////////////////											10.0	////////	
TOTALS	24.5	37.6	21.4	5.2	1.4							100.0	6.8	7.0

TOTAL NUMBER OF OBSERVATIONS 1798



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010													
020-040													
050-070													
(E) 080-100	3.8		3.8	3.8							11.5	10.3	13.0
110-130													
140-160													
(S) 170-190													
200-220													
230-250	3.8	3.8									7.7	4.5	4.5
(W) 260-280	7.7	15.4	3.8								26.9	5.7	5.0
290-310	7.7	11.5	7.7								26.9	6.0	5.0
320-340		3.8									3.8	5.0	5.0
VARIABLE													
CALM	////////////////////										23.1	////////////////	
TOTALS	23.0	34.5	15.3	3.8							100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 26

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: FEB HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	2.0	1.2									5.6	5.6	5.0
020-040	2.0	1.6										3.6	4.6	4.0
050-070	2.4	1.2										3.6	3.9	4.0
(E) 080-100	9.2	5.6	3.2	1.2								19.3	5.8	5.0
110-130	5.6	2.8	3.6	.8								12.9	7.3	6.5
140-160	.4	1.2	.8	.4								2.8	8.6	6.0
(S) 170-190	.8											.8	2.5	2.5
200-220														
230-250	1.6		.4									2.0	4.4	4.0
(W) 260-280	2.0	1.2	.8									4.0	4.9	3.5
290-310	.8	2.8										3.6	5.4	5.0
320-340	2.4	2.8	.8									6.0	5.9	6.0
VARIABLE														
CALM	////////////////////////////////////											35.7	////////	
TOTALS	29.	21.2	10.8	2.4								100.0	3.8	5.0

TOTAL NUMBER OF OBSERVATIONS 249

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: FEB HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	1.0	.5									2.1	6.3	6.0
020-040	.2		.2									.3	6.5	6.5
050-070		.2										.2	8.0	8.0
(E) 080-100	1.6	1.0	1.6	.9	.5	.2						5.7	10.2	10.0
110-130	1.7	3.6	6.4	2.8	1.6		.2					16.2	11.6	11.0
140-160	1.6	4.7	2.8	1.2								10.2	8.5	8.0
(S) 170-190	1.7	.2	.3									2.2	4.9	4.0
200-220	3.1	.9										4.0	3.1	3.0
230-250	4.1	3.1	.3									7.6	4.4	4.0
(W) 260-280	8.6	11.6	1.2									21.4	5.4	5.0
290-310	5.0	9.2	1.6	.3								16.1	6.1	6.0
320-340	1.2	3.5	.2									4.8	5.7	6.0
VARIABLE														
CALM	////////////////////////////////////											9.2	////////////////////////////////	
TOTALS	29.3	39.0	15.1	5.2	2.1	.2	.2					100.0	6.5	6.0
TOTAL NUMBER OF OBSERVATIONS 579														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: FEB HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010													
020-040	.4											.4	4.0
050-070													
(E) 080-100	.2	.2	.4	.9	.5							2.2	15.7
110-130	.4	2.0	3.3	1.8	2.0							9.5	13.2
140-160	.7	1.6	2.9	1.6	.4							7.3	11.4
(S) 170-190	.9	.9	.2									2.0	5.6
200-220	.7	.9	.2									1.8	5.8
230-250	2.0	6.0	2.0									10.0	6.7
(W) 260-280	4.9	25.4	7.7									38.0	7.2
290-310	2.4	13.9	7.1	.5								23.9	7.9
320-340		2.2	.7									2.9	7.6
VARIABLE													
CALM	////////////////////////////////////										2.0	////////////////////////////////	
TOTALS	12.6	53.1	24.5	4.8	2.9							100.0	8.2
TOTAL NUMBER OF OBSERVATIONS 548													

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: FEB HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010				.6								.6	16.0	16.0
020-040														
050-070														
(E) 080-100				.6								.6	18.0	18.0
110-130		2.3	1.7	2.8	1.7							8.5	13.3	15.0
140-160	1.1	2.3	4.5									8.0	8.9	10.0
(S) 170-190	.6											.6	3.0	3.0
200-220	.6	.6										1.1	4.5	4.5
230-250		5.1	3.4									8.5	8.5	8.0
(W) 260-280	7.4	22.2	7.4									36.9	6.6	7.0
290-310	2.8	18.8	8.5	.6								30.7	8.2	8.0
320-340	.6	1.7	.6									2.8	6.8	8.0
VARIABLE														
CALM	////////////////////											1.7	////	////
TOTALS	13.1	53.0	26.1	4.6	1.7							100.0	8.0	8.0

TOTAL NUMBER OF OBSERVATIONS 176

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

TATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: FEB HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-59			
(N) 350-010	.6	.7	.4	.1							1.7	6.3	6.0
020-040	.5	.3	.1								.8	4.8	4.0
050-070	.4	.3									.6	4.3	4.0
(E) 080-100	2.1	1.4	1.2	.9	.4	.1					6.1	8.7	7.0
110-130	1.7	2.8	4.3	2.1	1.5		.1				12.4	11.4	11.0
140-160	1.0	2.8	2.7	1.1	.1						7.7	9.5	10.0
(S) 170-190	1.2	.4	.2								1.7	5.0	4.0
200-220	1.5	.7	.1								2.3	4.0	3.0
230-250	2.5	3.9	1.3								7.7	6.0	6.0
(W) 260-280	6.1	16.0	4.1								26.2	6.5	6.0
290-310	3.2	10.9	4.1	.4							18.5	7.3	7.0
320-340	.9	2.7	.5								4.1	6.3	6.0
VARIABLE													
CALM	////////////////////////////////////										10.1	////////////////////////////////	
TOTALS	21.7	42.9	19.0	4.6	2.0	.1	.1				100.0	6.8	7.0

TOTAL NUMBER OF OBSERVATIONS 1552

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														
020-040		3.7										3.7	8.0	8.0
050-070														
(E) 080-100	3.7	3.7										7.4	3.5	3.5
110-130														
140-160	3.7											3.7	2.0	2.0
(S) 170-190	3.7											3.7	2.0	2.0
200-220														
230-250		7.4										7.4	6.5	6.5
(W) 260-280	7.4	7.4	3.7									18.5	5.6	5.0
290-310		14.8	14.8									29.6	9.0	9.5
320-340		11.1										11.1	6.7	6.0
VARIABLE														
CALM	////////////////////////////////////											14.8	////////////////////////////////	
TOTALS	18.5	48.1	18.5									100.0	5.6	6.0
TOTAL NUMBER OF OBSERVATIONS 27														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.3										.7	3.0	3.0
020-040	1.0	.3										1.4	3.0	2.5
050-070	3.5	.7	1.0									5.2	4.6	3.0
(E) 080-100	8.7	9.4	4.2	.7								22.9	6.4	6.5
110-130	6.3	8.0	6.9	3.1	1.0	.3						25.7	9.0	8.5
140-160	1.7	.7	1.0	.7								4.2	8.2	7.5
(S) 170-190	.3											.3	2.0	2.0
200-220	.3	.3										.7	5.0	5.0
230-250	1.4	.3										1.7	3.4	2.0
(W) 260-280	1.4	1.0										2.4	3.6	3.0
290-310	2.1	1.0										3.1	4.4	4.0
320-340	1.0	1.4										2.4	4.4	5.0
VARIABLE														
CALM	////////////////////////////////////											29.2	////////////////////////////////	
TOTALS	28.0	23.4	13.1	4.5	1.0	.3						100.0	4.9	6.0
TOTAL NUMBER OF OBSERVATIONS 288														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

SATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010		.3										.3	7.0	7.0
020-040														
050-070	.2	.2	.3									.6	8.8	9.0
(E) 080-100	.9	.5	1.2	.5	.3							3.3	10.1	10.0
110-130	1.2	6.3	9.2	5.9	1.7	.3						24.6	11.9	11.0
140-160	2.3	4.2	6.6	1.5	.5	.2						15.2	9.7	10.0
(S) 170-190	1.5	1.5										3.0	4.6	4.5
200-220	1.5	1.1										2.6	4.2	4.0
230-250	4.1	2.9	.8									7.7	4.8	4.0
(W) 260-280	6.6	11.8	.9									19.3	5.4	5.0
290-310	4.7	8.3	.5									13.4	5.4	5.0
320-340	.6	1.1	.2									1.8	6.1	7.0
VARIABLE														
CALM	////////////////////////////////////										8.1	////////////////////////////////		
TOTALS	23.6	38.2	19.7	7.9	2.5	.5						100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 663

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3		.2									.5	5.0	3.0
020-040														
050-070	.2	.2										.3	4.5	4.5
(E) 080-100	.2	.5	.5	.5	.3	.2						2.0	13.5	12.0
110-130	.5	2.0	6.5	5.4	1.2	.5	.2					16.3	14.2	14.0
140-160	.8	3.6	5.7	2.5	.8							13.3	11.1	10.0
(S) 170-190	.6	1.7	.3									2.6	6.5	7.0
200-220	.3	1.6										1.9	5.6	5.0
230-250	2.2	4.5	1.9									8.5	6.9	7.0
(W) 260-280	3.3	23.1	7.0	.3								33.6	7.5	7.0
290-310	.9	12.7	3.7									17.4	7.5	7.0
320-340	.3	.9	.5									1.7	7.3	6.0
VARIABLE														
CALM	////////////////////											1.9	////////	
TOTALS	9.6	50.8	26.3	8.7	2.3	.7	.2					100.0	8.9	8.0
TOTAL NUMBER OF OBSERVATIONS 645														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010														
020-040		.5	.5									1.0	7.5	7.5
050-070	.5											.5	4.0	4.0
(E) 080-100				1.0								1.0	18.5	18.5
110-130	1.0	1.5	6.2	2.1	3.1	.5						14.4	13.7	13.0
140-160		4.1	4.1	1.5								9.7	10.1	10.0
(S) 170-190		.5	.5									1.0	7.5	7.5
200-220		.5										.5	6.0	6.0
230-250	1.5	7.2	2.1									10.8	7.0	7.0
(W) 260-280	4.1	22.6	11.3	.5								38.5	8.1	8.0
290-310	2.1	11.8	5.6									19.5	7.8	8.0
320-340	.5	.5										1.0	5.5	5.5
VARIABLE														
CALM	////////////////////////////////////										2.1	////////////////////////////////		
TOTALS	9.7	49.2	30.3	5.1	3.1	.5						100.0	8.8	8.0

TOTAL NUMBER OF OBSERVATIONS 195

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.2	.2	.1									.4	5.0	5.0
020-040	.2	.1	.1									.3	4.5	4.0
050-070	.7	.2	.3									1.2	5.3	3.5
(E) 080-100	1.8	1.8	1.3	.6	.2	.1						5.8	8.3	7.0
110-130	1.7	4.5	7.5	4.9	1.6	.4	.1					20.7	12.1	12.0
140-160	1.4	3.4	5.1	1.7	.4	.1						12.2	10.2	10.0
(S) 170-190	.8	1.2	.2									2.2	5.5	5.0
200-220	.7	1.1										1.8	4.8	5.0
230-250	2.7	3.5	1.2									7.4	6.0	6.0
(W) 260-280	4.3	15.3	4.1	.2								23.8	6.9	7.0
290-310	2.6	9.1	2.1									13.8	6.7	6.0
320-340	.6	1.0	.2									1.8	6.1	5.5
VARIABLE														
CALM	////////////////////////////////////										8.6	////////		
TOTALS	17.7	41.4	22.2	7.4	2.2	.6	.1					100.0	7.7	8.0

TOTAL NUMBER OF OBSERVATIONS 1791

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0		3.0									6.1	6.0	6.0
020-040		3.0										3.0	5.0	5.0
050-070														
(E) 080-100	9.1											9.1	2.7	3.0
110-130				6.1								6.1	16.5	16.5
140-160														
(S) 170-190														
200-220	3.0											3.0	4.0	4.0
230-250	6.1	6.1										12.1	3.5	3.5
(W) 260-280	12.1	18.2	3.0									33.3	5.5	6.0
290-310	3.0	15.2										18.2	6.7	7.0
320-340	3.0											3.0	3.0	3.0
VARIABLE														
CALM	////////////////////////////////////											6.1	////////	
TOTAL	39.3	42.5	6.0	6.1								100.0	5.4	5.0

TOTAL NUMBER OF OBSERVATIONS 33

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7											.7	2.5	2.5
020-040	1.4	.3										1.7	4.0	4.0
050-070	1.4	.3										1.7	3.2	3.0
(E) 080-100	4.5	5.5	1.0									11.0	5.6	5.0
110-130	3.1	9.2	6.5	2.4	.7							21.9	9.0	8.0
140-160	3.4	3.1	2.1	.3	.3							9.2	7.2	7.0
(S) 170-190	1.0											1.0	1.3	1.0
200-220	1.0											1.0	1.3	1.0
230-250	.3	.3										.7	3.5	3.5
(W) 260-280	3.8	1.0										4.8	3.1	2.5
290-310	4.1	1.4										5.5	3.3	3.0
320-340	1.4	1.0										2.4	4.0	4.0
VARIABLE														
CALM	////////////////////											38.4	////////	
TOTALS	26.1	22.1	9.6	2.7	1.0							100.0	3.9	5.0
TOTAL NUMBER OF OBSERVATIONS 292														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: APR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6											.6	2.0	2.0
020-040														
050-070	.2											.2	2.0	2.0
(E) 080-100	.3	.5	.5	.2								1.4	9.1	9.0
110-130	1.1	4.3	7.9	5.9	1.5							20.6	12.2	12.0
140-160	.6	6.8	6.8	2.2	.2	.6						17.1	10.8	10.0
(S) 170-190	1.5	2.8										4.3	5.2	5.0
200-220	1.8	2.0										3.9	4.4	5.0
230-250	5.2	3.2	1.2									9.7	4.9	4.0
(W) 260-280	5.7	10.6	4.2									20.5	6.3	6.0
290-310	3.2	8.5	1.7									13.4	6.4	6.0
320-340	1.4	1.2										2.6	4.7	4.0
VARIABLE														
CALM	////////////////////////////////////											5.7	////////	
TOTALS	21.6	39.9	22.3	8.3	1.7	.6						100.0	7.7	8.0

TOTAL NUMBER OF OBSERVATIONS 649

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911577

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: APR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2											.2	4.0	4.0
020-040	.2											.2	4.0	4.0
050-070														
(E) 080-100			.6	.2								.8	11.8	12.0
110-130	.2	1.4	5.2	2.4	1.4							10.6	13.4	13.0
140-160	.3	3.4	6.6	2.7	1.1	.3						14.5	12.4	12.0
(S) 170-190	.5	1.1	.3									1.9	5.9	5.5
200-220	.8	1.4	.2									2.4	5.9	7.0
230-250	2.6	5.8	3.7	.2								12.2	7.1	7.0
(W) 260-280	3.5	17.1	11.6	1.1								33.3	8.2	8.0
290-310	2.1	12.2	6.8									21.1	7.7	8.0
320-340	.5	1.0										1.4	5.8	7.0
VARIABLE														
CALM	////////////////////											1.3	////////	
TOTALS	10.9	43.4	35.0	6.6	2.5	.3						100.0	8.9	8.0
TOTAL NUMBER OF OBSERVATIONS 621														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: APR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														
020-040														
050-070		.5	.5									1.1	8.0	8.0
(E) 080-100														
110-130	.5	1.1	4.8	2.1	1.6							10.1	12.8	12.0
140-160	2.1	2.7	4.3	1.1	.5							10.6	9.8	10.0
(S) 170-190		1.1	.5									1.6	7.7	8.0
200-220	1.6	.5										2.1	3.5	2.5
230-250	1.6	5.3	1.6	.5								9.0	7.4	7.0
(W) 260-280	4.3	18.6	15.4	1.1								39.4	8.3	8.5
290-310	3.2	15.4	3.7									22.3	6.7	6.5
320-340	.5	1.1										1.6	5.7	6.0
VARIABLE														
CALM	////////////////////////////////////											2.1	////////	
TOTALS	13.8	46.3	30.8	4.8	2.1							100.0	8.2	8.0
TOTAL NUMBER OF OBSERVATIONS 188														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: APR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4											.4	2.4	2.0
020-040	.3	.1										.3	4.0	4.0
050-070	.3	.1	.1									.5	4.3	3.5
(E) 080-100	.9	1.1	.6	.1								2.6	6.9	6.5
110-130	1.0	3.8	6.3	3.7	1.4							16.2	11.8	12.0
140-160	1.1	4.5	5.7	1.9	.6	.3						14.2	10.9	10.0
(S) 170-190	.9	1.5	.2									2.6	5.3	5.0
200-220	1.3	1.3	.1									2.7	4.6	5.0
230-250	3.1	3.9	1.9	.1								9.0	6.2	6.0
(W) 260-280	4.5	12.2	7.3	.5								24.5	7.5	7.5
290-310	3.0	9.4	3.4									15.8	6.9	7.0
320-340	1.0	1.1										2.1	4.9	5.5
VARIABLE														
CALM	////////////////////											9.2	////////	
TOTALS	17.8	39.0	25.6	6.3	2.0	3						100.0	7.5	8.0

TOTAL NUMBER OF OBSERVATIONS 1750

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: AR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														
020-040														
050-070														
(E) 080-100														
110-130				9.4	3.1							12.5	18.8	18.0
140-160		3.1			3.1							6.3	13.5	13.5
(S) 170-190														
200-220	6.3	3.1										9.4	4.3	3.0
230-250	3.1											3.1	3.0	3.0
(W) 260-280		18.8	9.4									28.1	7.8	8.0
290-310	9.4	15.6	6.3									31.3	6.4	6.0
320-340	3.1	6.3										9.4	5.7	6.0
VARIABLE														
CALM	////////////////////											.0	////////////////	
TOTALS	21.9	46.9	15.7	9.4	6.2							100.0	8.4	7.0

TOTAL NUMBER OF OBSERVATIONS 32

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MCNTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9											.9	2.7	3.0
020-040	.9											.9	2.0	2.0
050-070	3.4	4.0	.9									8.3	5.3	5.0
(E) 080-100	5.7	5.7	4.0	.6								16.1	6.7	6.0
110-130	5.7	7.8	4.6	.9								19.0	7.2	7.0
140-160	2.6	3.4	.6									6.6	6.2	6.0
(S) 170-190	1.7											1.7	3.5	4.0
200-220	1.4	.3										1.7	2.3	2.0
230-250	3.2	1.1	.3									4.6	3.9	3.5
(W) 260-280	4.9	.6	.3									5.7	3.3	3.0
290-310	2.6	2.0										4.6	4.4	4.0
320-340	1.1	1.1										2.3	4.0	4.5
VARIABLE														
CALM	////////////////////											27.6	////////	
TOTALS	34.1	26.0	10.7	1.5								100.0	4.1	5.0

TOTAL NUMBER OF OBSERVATIONS 348

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAY HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														
020-040	.4											.4	2.7	2.0
050-070	.1	.3										.4	4.7	5.0
(E) 080-100	.1	1.5	3.1	1.4	.4							6.5	12.0	12.0
110-130	.8	6.3	9.9	2.4	.6							19.9	10.5	10.0
140-160	1.0	6.4	5.7	1.3	.3							14.6	9.2	9.0
(S) 170-190	1.5	1.4	.4									3.3	5.3	5.0
200-220	2.1	.6	.1									2.8	3.9	3.0
230-250	5.6	6.7	1.5	.1								13.9	5.5	5.0
(W) 260-280	7.5	12.2	1.5									21.2	5.8	6.0
290-310	3.9	6.3	1.3	.1								11.5	5.8	5.0
320-340	.8	1.0	.4									2.2	6.1	5.0
VARIABLE														
CALM	////////////////////////////////////											3.2	////////////////////////////////	
TOTALS	23.8	42.7	23.9	5.3	1.3							100.0	7.3	7.0
TOTAL NUMBER OF OBSERVATIONS 720														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAY HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010													
020-040													
050-070	.1	.1	.1								.4	6.0	6.0
(E) 080-100		.1	1.3	1.2	.4						3.1	14.7	15.0
110-130	.1	3.2	3.4	1.5	.9						9.1	11.5	10.0
140-160	.6	4.3	4.5	.9	.1						10.4	9.7	10.0
(S) 170-190	.6	1.0	.9								2.5	7.2	7.0
200-220	.6	1.2	.9								2.6	7.1	6.5
230-250	1.8	10.0	6.3								18.0	8.1	8.0
(W) 260-280	3.1	23.5	8.2	.1							34.9	7.4	7.0
290-310	2.1	11.1	4.7								17.9	7.5	6.0
320-340	.1	.3	.3								.7	8.0	7.0
VARIABLE													
CALM	////////////////////////////////////										.3	////////////////////////////////	
TOTALS	9.1	54.8	30.6	3.7	1.4						100.0	8.3	8.0

TOTAL NUMBER OF OBSERVATIONS 682

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAY HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														
020-040														
050-070	.5											.5	3.0	3.0
(E) 080-100	.5	.9	1.4	.9	.9							4.6	11.9	11.0
110-130	.5	.9	3.7	.9	.5							6.5	11.9	12.0
140-160	.9	3.2	2.8	.5								7.4	8.3	8.0
(S) 170-190	.9	.5	.9									2.3	6.8	6.0
200-220	.5	1.9	2.8									5.1	8.8	10.0
230-250	3.7	5.1	4.6									13.4	7.4	8.0
(W) 260-280	6.5	22.2	10.6	.5								39.8	7.5	7.0
290-310	1.4	13.0	4.2									18.5	7.3	6.5
320-340		.9										.9	6.0	6.0
VARIABLE														
CALM	////////////////////////////////////											.9	////////////////////////////////	
TOTALS	15.4	48.6	31.0	2.8	1.4							100.0	7.9	8.0

TOTAL NUMBER OF OBSERVATIONS 216

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAY HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2											.2	2.7	3.0
020-040	.3											.3	2.3	2.0
050-070	.8	.9	.2									1.8	5.2	5.0
(E) 080-100	1.1	1.7	2.4	1.1	.4							6.8	10.2	10.0
110-130	1.4	4.9	6.0	1.6	.6							14.5	10.0	10.0
140-160	1.1	4.8	4.1	.8	.2							10.9	8.9	9.0
(S) 170-190	1.2	.9	.6									2.6	5.8	5.0
200-220	1.3	.9	.7									2.8	5.8	5.0
230-250	3.6	6.7	3.3	.1								13.6	6.8	7.0
(W) 260-280	5.4	15.2	4.6	.1								25.3	6.7	7.0
290-310	2.7	7.9	2.5	.1								13.3	6.7	6.0
320-340	.6	.8	.3									1.6	5.8	5.0
VARIABLE														
CALM	////////////////////											6.3	////////	
TOTALS	19.7	44.7	24.7	3.8	1.2							100.0	7.2	7.0

TOTAL NUMBER OF OBSERVATIONS 1966



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														
020-040														
050-070														
(E) 080-100														
110-130														
140-160	5.6	2.8	2.8									11.1	6.8	5.5
(S) 170-190														
200-220	5.6	2.8	2.8									11.1	6.0	6.0
230-250	8.3	5.6	5.6									19.4	6.4	6.0
(W) 260-280		25.0	8.3									33.3	7.8	7.5
290-310	5.6	11.1										16.7	5.0	5.5
320-340														
VARIABLE														
CALM	////////////////////											8.3	////////	
TOTALS	25.1	47.3	19.5									100.0	6.1	5.0

TOTAL NUMBER OF OBSERVATIONS 36

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9											.9	1.3	1.0
020-040	1.4	.6										2.0	3.1	2.0
050-070	3.4	2.9	.6									6.9	4.8	4.5
(E) 080-100	8.6	6.3	2.3									17.2	5.2	4.5
110-130	5.2	6.0	4.9	.6	.3							16.9	7.7	7.0
140-160	2.9	2.3	1.4	.9								7.4	7.2	5.0
(S) 170-190		.3										.3	5.0	5.0
200-220	1.1											1.1	1.5	1.0
230-250	.9	.9										1.7	4.5	4.5
(W) 260-280	4.9	2.3	.9									8.0	4.4	4.0
290-310	4.9	1.4										6.3	3.7	3.0
320-340	1.4	.6										2.0	3.9	3.0
VARIABLE														
CALM	////////////////////////////////////											29.2	////////	
TOTALS	35.6	23.6	10.1	1.5	.3							100.0	3.9	4.0

TOTAL NUMBER OF OBSERVATIONS 349

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.1										.3	3.5	3.5
020-040														
050-070	.4	.1	.4									1.0	6.7	8.0
(E) 080-100		1.6	2.6	1.1								5.3	11.1	10.0
110-130	.9	5.4	8.7	1.4	1.0							17.4	10.5	10.0
140-160	1.7	7.1	4.3	1.7	1.0							15.8	9.5	8.0
(S) 170-190	1.7	2.4	.3									4.4	5.1	5.0
200-220	1.0	2.0	.1									3.1	4.9	5.0
230-250	3.8	4.8	.9									9.5	5.8	6.0
(W) 260-280	5.1	14.2	3.4									22.8	6.3	6.0
290-310	5.8	6.6	2.1									14.5	5.9	5.0
320-340	.6	1.1										1.7	4.9	5.0
VARIABLE														
CALM	////////////////////											4.1	////////	
TOTALS	21.1	45.4	22.8	4.2	2.0							100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 702

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JUN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1											.1	1.0	1.0
020-040														
050-070			.1									.1	10.0	10.0
(E) 080-100	.1	.6	2.2	.6	.3							3.9	12.0	12.0
110-130	.7	2.4	4.6	2.4	1.0							11.2	12.1	12.0
140-160	.3	3.9	3.1	1.0	1.5	.3						10.1	11.9	10.0
(S) 170-190	.4	1.5	.9	.1								3.0	7.8	7.5
200-220	.9	1.8	.3									3.0	5.8	5.0
230-250	2.2	7.0	6.7									15.9	8.1	8.0
(W) 260-280	3.7	20.1	10.1	.4								34.4	7.7	8.0
290-310	2.7	8.5	6.0									17.1	7.5	8.0
320-340	.3	.3										.6	5.8	5.5
VARIABLE														
CALM	////////////////////////////////////											.6	////////	
TOTALS	11.4	46.1	34.0	4.5	2.8	.3						100.0	8.7	8.0

TOTAL NUMBER OF OBSERVATIONS 672

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010													
020-040													
050-070													
(E) 080-100	.5	.5	.5	.5							1.9	9.0	8.0
110-130	.5	2.4	6.3	2.4							11.5	11.3	12.0
140-160		3.8	.5	1.4	1.4						7.2	11.8	9.0
(S) 170-190	1.4	1.9	.5	.5							4.3	7.2	6.0
200-220	1.4	2.4	.5	.5							4.8	6.5	5.0
230-250	.5	7.2	8.2	.5							16.3	9.1	10.0
(W) 260-280	6.3	17.8	8.7	.5							33.2	7.2	7.0
290-310	2.4	8.7	8.2								19.2	7.9	8.5
320-340													
VARIABLE													
CALM	////////////////////////////////////										1.4	////////////////////////////////	
TOTALS	13.0	44.7	33.4	6.3	1.4						100.0	8.4	8.0

TOTAL NUMBER OF OBSERVATIONS 208

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JUN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.1										.3	2.0	1.5
020-040	.3	.1										.4	3.1	2.0
050-070	.8	.6	.3									1.7	5.4	5.0
(E) 080-100	1.7	2.0	2.2	.7	.1							6.6	8.4	8.0
110-130	1.6	4.1	6.3	1.7	.8							14.5	10.4	10.0
140-160	1.2	4.8	3.0	1.3	1.0	.1						11.4	10.1	9.0
(S) 170-190	.9	1.7	.5	.1								3.2	6.3	5.0
200-220	1.0	1.6	.2	.1								2.9	5.3	5.0
230-250	2.4	5.1	3.5	.1								11.1	7.5	8.0
(W) 260-280	4.7	14.5	5.9	.2								25.3	7.0	7.0
290-310	4.2	6.5	3.7									14.4	6.7	6.0
320-340	.6	.6										1.2	4.7	5.0
VARIABLE														
CALM	////////////////////////////////////											7.1	////////	
TOTALS	19.7	41.7	25.6	4.2	1.9	.1						100.0	7.3	8.0

TOTAL NUMBER OF OBSERVATIONS 1931

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010													
020-040													
050-070													
(E) 080-100													
110-130													
140-160													
(S) 170-190		5.9										5.9	2.0
200-220													
230-250													
(W) 260-280	11.8	29.4	5.9									47.1	6.4
290-310	11.8	35.3										47.1	5.0
320-340													
VARIABLE													
CALM	////////////////////////////////////										.0	////////////////////////////////	
TOTALS	29.5	64.7	5.9									100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 17

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5											1.5	3.0	3.0
020-040	1.8											1.8	2.8	3.0
050-070	4.3	2.8										7.1	4.0	3.0
(E) 080-100	3.7	8.3	6.5	.6	.3							19.4	7.8	8.0
110-130	3.7	9.8	6.8	1.5	.6							22.5	8.4	8.0
140-160	2.5	4.6	1.8	1.2								10.2	7.6	8.0
(S) 170-190	1.5											1.5	2.0	2.0
200-220	.3											.3	1.0	1.0
230-250	1.5	.3										1.8	3.0	3.0
(W) 260-280	1.5	1.5	.3									3.4	5.2	5.0
290-310	2.2	1.2	.3									3.7	4.9	4.0
320-340	2.2	.3										2.5	2.6	1.5
VARIABLE														
CALM	////////////////////											24.3	////////	
TOTALS	26.7	28.8	15.7	3.3	.9							100.0	5.1	6.0
TOTAL NUMBER OF OBSERVATIONS 325														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JUL HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1											.1	2.0	2.0
020-040	.3											.3	2.0	2.0
050-070	.3		.1		.3							.7	11.6	10.0
(E) 080-100	.3	1.6	2.9	2.2	1.3							8.4	13.2	14.0
110-130	1.0	6.0	9.3	2.9	1.9							21.2	11.4	10.0
140-160	3.1	7.5	4.9	2.1	.3							17.8	8.6	8.0
(S) 170-190	2.4	2.8	.4									5.6	5.3	5.0
200-220	2.1	1.9										4.0	4.2	4.0
230-250	2.5	3.2	1.0									6.8	5.7	6.0
(W) 260-280	3.8	10.3	2.4									16.5	6.5	7.0
290-310	3.5	7.1	1.0									11.7	5.7	5.0
320-340	1.3	.7										2.1	4.1	4.0
VARIABLE														
CALM	////////////////////////////////////											4.7	////////////////////////////////	
TOTALS	20.7	41.1	22.0	7.2	3.8							100.0	7.8	8.0
TOTAL NUMBER OF OBSERVATIONS 678														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														
020-040														
050-070	.2		.3	.2	.3							.9	14.3	15.0
(E) 080-100	.2	.3	1.4	1.8	.9							4.5	15.2	16.5
110-130	.5	2.1	5.2	4.4	1.4	.2						13.6	13.2	12.5
140-160	1.1	3.5	5.0	2.1	.3							12.0	10.3	10.0
(S) 170-190	.9	2.1	.8									3.8	6.5	6.0
200-220	.3	1.7	.6									2.6	6.9	6.0
230-250	1.1	5.6	4.5	.9								12.1	8.6	8.0
(W) 260-280	2.7	14.7	13.5	.3								31.2	8.4	8.0
290-310	3.0	9.2	3.9									16.2	7.2	7.0
320-340	.9	.6	.3									1.8	5.7	4.5
VARIABLE														
CALM	////////////////////////////////////											1.2	////////	
TOTALS	10.9	39.8	35.5	9.7	2.9	.2						100.0	9.2	9.0

TOTAL NUMBER OF OBSERVATIONS 660

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010			.5									.5	10.0	10.0
020-040		.5										.5	8.0	8.0
050-070														
(E) 080-100		1.4	1.9	1.0	1.4							5.7	13.4	13.0
110-130	.5	1.4	4.8	2.9	1.9							11.4	13.4	12.5
140-160	1.0	4.3	4.3	2.4	.5							12.4	10.5	10.0
(S) 170-190	1.9	2.4										4.8	5.4	5.5
200-220	.5	1.9	.5									2.9	6.8	7.5
230-250	1.4	3.8	7.1									12.4	8.6	10.0
(W) 260-280	4.3	12.9	11.4	1.0								29.5	8.2	8.0
290-310	3.8	10.0	3.8	.5								18.1	7.4	7.5
320-340														
VARIABLE														
CALM	////////////////////											1.9	///	////
TOTALS	13.4	39.1	34.3	7.8	3.8							100.0	9.0	8.5

TOTAL NUMBER OF OBSERVATIONS 210

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HJ  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JUL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3		.1									.4	3.9	3.0
020-040	.4	.1										.5	3.2	3.0
050-070	.9	.5	.2	.1	.2							1.8	6.9	4.5
(E) 080-100	.8	2.3	2.9	1.7	1.0							8.6	11.5	10.0
110-130	1.2	4.8	6.9	3.2	1.5	.1						17.7	11.4	10.0
140-160	2.0	5.2	4.3	2.0	.3							13.8	9.2	9.0
(S) 170-190	1.7	2.1	.4									4.2	5.5	5.0
200-220	1.0	1.5	.3									2.7	5.4	5.0
230-250	1.7	3.6	2.8	.3								8.4	7.6	8.0
(W) 260-280	3.1	10.6	6.9	.2								20.9	7.7	8.0
290-310	3.2	7.2	2.2	.1								12.6	6.6	6.0
320-340	1.2	.5	.1									1.8	4.3	4.0
VARIABLE														
CALM	////////////////////											6.6	////////	
TOTALS	17.5	38.4	27.1	7.6	3.0	.1						100.0	8.0	8.0

TOTAL NUMBER OF OBSERVATIONS 1873

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														
020-040														
050-070				4.0								4.0	12.0	12.0
(E) 080-100														
110-130	4.0											4.0	2.0	2.0
140-160	4.0	4.0										8.0	5.0	5.0
(S) 170-190														
200-220	4.0											4.0	2.0	2.0
230-250	4.0		4.0									8.0	6.0	6.0
(W) 260-280	8.0	20.0	8.0									36.0	6.3	5.0
290-310	4.0	8.0	4.0									16.0	6.8	6.5
320-340														
VARIABLE														
CALM	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	20.0	////////////////////////////////////	////////////////////////////////////
TOTALS	28.0	32.0	20.0									100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 25

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9											.9	2.7	3.0
020-040	.9	.9	.3									2.2	4.9	5.0
050-070	2.8	.6										3.4	3.8	3.0
(E) 080-100	5.5	6.5	3.1	.6								15.7	6.5	6.0
110-130	5.5	8.6	8.0	1.2								23.4	8.0	8.0
140-160	3.1	4.0	1.8	.9								9.8	7.5	8.0
(S) 170-190	.3	.3										.6	3.5	3.5
200-220	.6											.6	2.0	2.0
230-250	.6											.6	3.0	3.0
(W) 260-280	1.8	.9										2.6	3.1	2.0
290-310	2.5	.9										3.4	3.3	3.0
320-340	1.8											1.8	2.0	2.0
VARIABLE														
CALM	////////////////////////////////////											34.8	////////	
TOTALS	26.3	22.7	13.2	2.7								100.0	4.2	6.0

TOTAL NUMBER OF OBSERVATIONS 325

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.3										.5	5.5	5.0
020-040	.3	.1										.4	3.0	2.0
050-070	.1	.3										.4	5.0	6.0
(E) 080-100	.1	.5	1.5	.8	.4							3.4	12.2	11.0
110-130	1.0	5.1	7.8	3.2	.7							17.7	10.9	10.0
140-160	2.2	7.6	8.4	2.5	.5							21.2	9.6	10.0
(S) 170-190	2.7	3.4	.8									7.0	5.7	5.0
200-220	2.2	1.4										3.6	3.8	3.5
230-250	2.1	4.4	.7									7.1	5.7	6.0
(W) 260-280	4.1	9.2	3.2	.1								16.6	6.5	6.0
290-310	3.8	5.5	1.1									10.4	5.6	6.0
320-340	1.8	1.4										3.2	4.6	4.0
VARIABLE														
CALM	////////////////////////////////////											8.4	////////////////////////////////	
TOTALS	20.7	39.2	23.5	6.6	1.6							100.0	7.2	8.0

TOTAL NUMBER OF OBSERVATIONS 728

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														
020-040														
050-070		.1										.1	5.0	5.0
(E) 080-100		.1	.9	.6	.3							1.8	13.9	12.0
110-130	.6	1.8	4.0	3.4	1.1							10.9	12.6	13.0
140-160	.7	4.1	5.2	3.1	.3							13.5	11.0	10.0
(S) 170-190	.4	1.7	.4	.1								2.7	7.3	8.0
200-220	.9	.4	.9									2.1	6.8	6.0
230-250	1.4	3.8	5.1	.1								10.5	8.4	9.5
(W) 260-280	4.5	14.6	11.9	1.7								32.8	8.4	8.0
290-310	3.4	10.2	7.8									21.4	7.8	8.0
320-340	.6	1.7	.1									2.4	6.5	6.0
VARIABLE														
CALM	////////////////////											1.7	////////	
TOTALS	12.5	38.5	36.3	9.0	1.7							100.0	8.9	9.0

TOTAL NUMBER OF OBSERVATIONS 705



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														
020-040														
050-070														
(E) 080-100			.4									.4	14.0	14.0
110-130	.9	.9	5.4	4.0	.4							11.7	11.9	12.0
140-160		4.9	.9	2.2	.4							8.5	10.8	9.0
(S) 170-190	.4	.4	.4									1.3	6.3	6.0
200-220	1.3	.4	.9									2.7	6.3	6.0
230-250	3.1	2.2	5.8	.4								11.7	8.0	10.0
(W) 260-280	3.1	16.1	13.0	1.8								34.1	8.7	8.0
290-310	2.7	14.3	8.1									25.1	7.8	8.0
320-340	1.8	.4										2.2	4.4	4.0
VARIABLE														
CALM	////////////////////											2.2	////////////////	
TOTALS	13.3	39.6	34.9	8.4	.8							100.0	8.6	8.0

TOTAL NUMBER OF OBSERVATIONS 223

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: AUG HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.1										.4	4.3	4.0
020-040	.3	.2	.1									.5	4.3	4.0
050-070	.5	.3										.8	4.1	4.0
(E) 080-100	1.0	1.3	1.4	.6	.3							4.5	9.3	9.0
110-130	1.6	4.0	6.2	3.0	.7							15.5	10.7	10.0
140-160	1.6	5.5	5.4	2.4	.4							15.1	9.9	10.0
(S) 170-190	1.3	2.0	.5	.1								3.8	6.1	6.0
200-220	1.4	.7	.4									2.5	5.0	4.0
230-250	1.7	3.2	2.7	.1								7.8	7.4	8.0
(W) 260-280	3.8	10.6	6.9	.9								22.1	7.8	8.0
290-310	3.3	7.4	4.1									14.8	7.1	7.0
320-340	1.4	1.2	.1									2.6	4.9	4.0
VARIABLE														
CALM	////////////////////////////////////											9.6	////////////////////////////////	
TOTALS	18.2	36.5	27.8	7.1	1.4							100.0	7.5	8.0

TOTAL NUMBER OF OBSERVATIONS 1981

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														
020-040														
050-070		8.3										8.3	5.0	5.0
(E) 080-100														
110-130														
140-160														
(S) 170-190														
200-220														
230-250														
(W) 260-280	8.3		8.3									16.7	7.0	7.0
290-310		41.7										41.7	7.8	8.0
320-340														
VARIABLE														
CALM	////////////////////////////////////											33.3	////////////////////////////////	
TOTALS	8.3	50.0	8.3									100.0	4.8	7.5
TOTAL NUMBER OF OBSERVATIONS 12														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														7.5
020-040	1.0	.7										1.6	4.0	4.0
050-070	2.6	.7										3.3	3.3	2.5
(E) 080-100	4.6	4.9	.7					.3				10.4	5.8	5.0
110-130	8.1	10.1	3.9		.3							22.5	6.1	5.0
140-160	2.6	5.2	1.0									8.8	5.8	6.0
(S) 170-190	1.6	.3										2.0	3.0	2.0
200-220	.7											.7	2.0	2.0
230-250	1.0											1.0	1.7	2.0
(W) 260-280	2.0	.3										2.3	2.7	2.0
290-310	2.9	2.0		.3								5.2	4.5	4.0
320-340	2.0	.7										2.6	2.6	2.0
VARIABLE														
CALM	////////////////////////////////////											39.7	////////////////////////////////	
TOTALS	29.1	24.9	5.6	.3	.3			.3				100.0	3.1	5.0
TOTAL NUMBER OF OBSERVATIONS 307														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: SEP HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1											.1	3.0	3.0
020-040														
050-070	.3		.3									.6	6.8	7.0
(E) 080-100	.6	.1	.6	.4		.3						2.0	11.4	11.0
110-130	1.3	4.1	7.1	1.7	.1							14.4	9.8	10.0
140-160	3.6	7.7	4.2	.6								16.2	7.6	8.0
(S) 170-190	2.3	1.3	.6	.1								4.4	5.3	4.0
200-220	3.4	.9										4.2	3.3	3.0
230-250	5.8	5.0	2.5									13.3	5.7	5.0
(W) 260-280	7.4	11.7	4.7									23.8	6.2	6.0
290-310	4.8	5.4	1.3									11.5	5.3	5.0
320-340	.4	.4										.9	5.0	4.5
VARIABLE														
CALM	////////////////////////////////////											8.6	////////	
TOTALS	30.0	36.6	21.3	2.8	.1	.3						100.0	6.2	6.0
TOTAL NUMBER OF OBSERVATIONS 686														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: SEP HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.1										.3	6.0	6.0
020-040		.1										.1	8.0	8.0
050-070		.3										.3	7.5	7.5
(E) 080-100		.1	.3	.3								.7	12.2	10.0
110-130	.3	1.3	2.4	1.6	.1							5.8	11.7	12.0
140-160	.4	2.7	2.7	1.0	.3							7.2	10.1	10.0
(S) 170-190	.1	1.2	.4	.1								1.9	7.4	6.0
200-220	.9	1.3	.3									2.5	5.9	5.0
230-250	1.5	3.6	7.0	.3	.1							12.6	9.2	10.0
(W) 260-280	4.0	20.7	16.5	.7	.1							42.1	8.4	8.0
290-310	1.6	13.2	7.9	.1								22.9	8.1	8.0
320-340	1.0	.6	.4									2.1	5.6	5.0
VARIABLE														
CALM	////////////////////////////////////											1.2	////////	
TOTALS	9.9	45.2	37.9	4.1	.6							100.0	8.5	8.0

TOTAL NUMBER OF OBSERVATIONS 667

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: SEP HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														
020-040														
050-070			.5									.5	10.0	10.0
(E) 080-100			1.4									1.4	12.3	12.0
110-130	.5	1.4	1.9	.5								4.3	8.9	10.0
140-160		3.3	2.9	1.9								8.1	10.4	10.0
(S) 170-190	.5	1.0	.5									1.9	7.8	8.0
200-220	.5	1.4										1.9	6.5	6.5
230-250	1.0	1.4	7.7	.5								10.5	9.6	10.0
(W) 260-280	5.7	21.5	13.9	3.3								44.5	8.5	8.0
290-310	3.3	12.9	7.2									23.4	7.5	8.0
320-340		1.4										1.4	6.0	6.0
VARIABLE														
CALM	////////////////////////////////////											1.9	////////////////////////////////	
TOTALS	11.5	44.3	36.0	6.2								100.0	8.4	8.0

TOTAL NUMBER OF OBSERVATIONS 209

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: SEP HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.1										.2	5.0	3.0
020-040	.2	.2										.3	4.7	4.5
050-070	.5	.2	.2									.9	5.0	4.0
(E) 080-100	1.0	.9	.6	.3		.1		.1				2.9	8.2	6.0
110-130	2.0	3.8	4.3	1.3	.2							11.6	8.9	9.5
140-160	1.9	5.0	3.0	.8	.1							10.9	8.2	8.0
(S) 170-190	1.2	1.1	.4	.1								2.8	5.8	5.0
200-220	1.7	1.0	.1									2.8	4.4	4.0
230-250	2.9	3.3	4.3	.2	.1							10.7	7.5	8.0
(W) 260-280	5.1	14.1	9.1	.6	.1							29.1	7.7	8.0
290-310	3.2	8.5	4.1	.1								15.9	7.1	7.0
320-340	.9	.6	.2									1.7	4.8	4.0
VARIABLE														
CALM	////////////////////											10.3	////////	
TOTALS	20.7	38.8	26.3	3.4	.5	.1		.1				100.0	6.8	8.0

TOTAL NUMBER OF OBSERVATIONS 1869



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				
(N) 350-010														
020-040														
050-070														
(E) 080-100														
110-130	3.2											3.2	2.0	2.0
140-160														
(S) 170-190														
200-220														
230-250	6.5	3.2	3.2									12.9	6.5	6.0
(W) 260-280	22.6	19.4	6.5									48.4	5.4	5.0
290-310		12.9	12.9									25.8	8.9	9.0
320-340														
VARIABLE														
CALM	////////////////////////////////////											9.7	////////	
TOTALS	32.3	35.5	22.6									100.0	5.8	7.5

TOTAL NUMBER OF OBSERVATIONS 31

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0											1.0	2.3	2.0
020-040	.6	1.0										1.6	4.6	5.0
050-070	2.6	1.3	1.6									5.4	6.0	5.0
(E) 080-100	6.7	6.7	2.9									16.3	5.9	6.0
110-130	8.7	11.9	4.2	.3	.3							25.3	6.3	6.0
140-160	3.5	1.3	.3									5.1	4.4	4.0
(S) 170-190	1.0											1.0	2.3	2.0
200-220	.3											.3	2.0	2.0
230-250	1.9											1.9	2.0	2.0
(W) 260-280	2.9	.3										3.2	3.0	3.0
290-310	1.3	1.6										2.9	3.9	5.0
320-340	.6	.3										1.0	4.0	4.0
VARIABLE														
CALM	////////////////////											34.9	////////	
TOTALS	31.1	24.4	9.0	.3	.3							100.0	3.5	5.0

TOTAL NUMBER OF OBSERVATIONS 312

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: OCT HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1											.1	2.0	2.0
020-040														
050-070	.3		.1									.4	5.7	4.0
(E) 080-100	.1	.7	1.5	.7								3.1	11.2	11.5
110-130	1.7	4.4	9.0	2.4	.7							18.2	10.5	10.0
140-160	1.3	7.2	4.2	1.3	.1							14.1	9.0	8.0
(S) 170-190	3.7	1.8	.1									5.6	4.1	4.0
200-220	3.1	1.1	.1									4.4	3.8	3.0
230-250	3.8	5.8	1.0									10.6	5.5	5.0
(W) 260-280	6.6	13.7	2.3									22.5	6.1	6.0
290-310	3.2	5.6	.6									9.4	5.6	5.0
320-340	1.1	.7										1.8	4.5	4.0
VARIABLE														
CALM	////////////////////											9.7	////////	
TOTALS	25.0	41.0	18.9	4.4	.8							100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 710

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: OCT HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1											.1	4.0	4.0
020-040	.1											.1	4.0	4.0
050-070	.1											.1	4.0	4.0
(E) 080-100		.4	.6	.3	.1							1.4	12.2	11.0
110-130	.4	1.9	3.8	2.2	.6							8.8	11.6	11.0
140-160	.7	2.3	3.2	.7	.1							7.1	10.1	10.0
(S) 170-190	.1	.9	.1									1.2	6.9	8.0
200-220	.4	.6	.4									1.4	6.4	5.0
230-250	.9	7.5	7.7	.4								16.5	8.7	8.5
(W) 260-280	2.7	21.3	18.4	.6	.3							43.3	8.6	8.0
290-310	1.9	10.1	5.6									17.7	7.7	8.0
320-340	.1	1.2										1.3	7.1	8.0
VARIABLE														
CALM	////////////////////////////////////											.9	////////////////////////////////	
TOTALS	7.5	46.2	39.8	4.2	1.1							100.0	8.7	9.0
TOTAL NUMBER OF OBSERVATIONS 691														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010														
020-040	.5											.5	2.0	2.0
050-070														
(E) 080-100	.5		.5	.5								1.4	9.7	10.0
110-130	.5	.9	.9		.9							4.2	11.7	10.0
140-160	.5	2.3	2.3									5.1	8.8	9.0
(S) 170-190	1.4	1.4										2.8	4.8	3.5
200-220	1.9	1.4										3.2	4.4	4.0
230-250	2.8	6.9	5.1	.5								15.3	7.9	8.0
(W) 260-280	2.8	25.9	20.4	.9								50.0	8.5	8.0
290-310	1.9	9.3	4.6	.5								16.2	8.0	8.0
320-340														
VARIABLE														
CALM	////////////////////////////////////											1.4	////////	
TOTALS	12.8	48.1	34.8	2.4	.9							100.0	8.1	8.0
TOTAL NUMBER OF OBSERVATIONS 216														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: OCT HOURS: ALL

DIRECTION   (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
												%	WIND	WIND
(N) 350-010	.3											.3	2.6	2.0
020-040	.2	.2										.4	4.1	4.0
050-070	.6	.2	.3									1.1	5.9	4.0
(E) 080-100	1.2	1.5	1.3	.4	.1							4.5	8.1	8.0
110-130	2.2	4.3	5.5	1.7	.6							14.4	9.6	10.0
140-160	1.3	3.9	3.0	.7	.1							9.1	8.9	8.0
(S) 170-190	1.7	1.1	.1									3.0	4.5	4.0
200-220	1.6	.8	.2									2.5	4.4	4.0
230-250	2.3	5.6	3.7	.2								11.8	7.4	7.0
(W) 260-280	4.2	15.6	9.7	.3	.1							29.9	7.8	8.0
290-310	2.3	7.0	2.7	.1								12.1	7.0	7.0
320-340	.6	.7										1.3	5.4	5.0
VARIABLE														
CALM	////////////////////////////////////											9.7	////////	
TOTALS	18.5	40.9	26.5	3.4	.9							100.0	7.0	8.0

TOTAL NUMBER OF OBSERVATIONS 1929

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

		WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
DIRECTION	(DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
												%	WIND	WIND
(N) 350-010														
020-040														
050-070														
(E) 080-100														
110-130														
140-160														
(S) 170-190														
200-220	16.7											16.7	3.0	3.0
230-250			8.3									8.3	5.0	5.0
(W) 260-280			33.3	8.3								41.7	7.0	6.0
290-310			16.7									16.7	6.5	6.5
320-340														
VARIABLE														
CALM		////////////////////										16.7	////////	
TOTALS		16.7	58.3	8.3								100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 12

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		.8	.4									1.2	7.0	6.0
020-040	.8	.4										1.2	3.3	3.0
050-070	4.1	2.9	.8									7.8	5.2	4.0
(E) 080-100	5.3	9.0	5.7	.4								20.4	7.0	7.0
110-130	5.3	9.8	9.8	2.9								27.8	8.5	8.0
140-160	.8	1.2	1.2	.8	.4							4.5	10.4	10.0
(S) 170-190	.8	.4										1.2	2.7	2.0
200-220	.8											.8	3.0	3.0
230-250	.4	.8										1.2	4.7	5.0
(W) 260-280	2.4	1.2										3.7	4.2	4.0
290-310	.4	.8										1.2	4.7	5.0
320-340	1.2	.8	.4									2.4	5.0	4.0
VARIABLE														
CALM	////////////////////											26.5	////////	
TOTALS	22.3	28.1	18.3	4.1	.4							100.0	5.2	6.0
TOTAL NUMBER OF OBSERVATIONS 245														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010														
020-040		.2										.2	5.0	5.0
050-070	.4	.2										.5	3.7	3.0
(E) 080-100	.5	.7	1.9	.7	.2							4.1	10.5	10.0
110-130	1.2	5.8	14.1	7.8	3.0	.2	.2					32.3	12.5	12.0
140-160	.9	4.9	8.3	2.3	1.6	.2						18.2	11.4	10.0
(S) 170-190	1.1	.9	.2	.2								2.3	5.4	5.0
200-220	2.3	.9										3.2	3.9	3.5
230-250	3.2	4.2	.5									7.9	5.2	5.0
(W) 260-280	2.5	8.3	3.2	.2								14.1	7.2	7.0
290-310	2.3	6.2	1.8									10.2	6.7	6.5
320-340	1.1	.5	.4									1.9	5.2	4.0
VARIABLE														
CALM	////////////////////////////////////										5.1	////////////////////////////////		
TOTALS	15.5	32.8	30.4	11.2	4.8	.4	.2					100.0	9.0	9.0

TOTAL NUMBER OF OBSERVATIONS 567

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010													
020-040													
050-070	.4	.2	.2								.8	5.8	5.0
(E) 080-100		.6	.4	1.0	.2						2.1	13.1	15.0
110-130	.2	1.9	10.3	6.1	3.0	.2					21.7	13.9	14.0
140-160	.2	3.2	4.2	4.4	1.1	.2					13.3	13.0	14.0
(S) 170-190	.2	1.1	.2								1.5	7.1	8.0
200-220	.4	1.0	.6								1.9	7.4	8.0
230-250	.2	5.5	4.8	.2							10.7	8.6	8.5
(W) 260-280	.8	18.3	12.4	.6							32.0	8.7	8.5
290-310	1.3	8.0	4.0	.2							13.5	7.9	8.0
320-340	1.0										1.0	2.8	3.0
VARIABLE													
CALM	////////////////////////////////////										1.5	////////	
TOTALS	4.7	39.8	37.1	12.5	4.3	.4					100.0	10.1	10.0

TOTAL NUMBER OF OBSERVATIONS 525

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: NOV HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														
020-040														
050-070														
(E) 080-100				.6								.6	16.0	16.0
110-130	1.3	.6	10.2	2.5	1.9	.6						17.2	13.2	13.0
140-160	.6	3.8	1.3	5.1	1.3							12.1	12.1	15.0
(S) 170-190		1.3	.6									1.9	7.3	7.0
200-220	1.3	3.8										5.1	5.9	6.0
230-250	.6	4.5	2.5									7.6	8.0	7.5
(W) 260-280	1.9	18.5	12.7		.6							33.8	8.5	8.0
290-310	3.8	9.6	4.5									17.8	6.8	6.5
320-340	.6	1.3										1.9	6.0	7.0
VARIABLE														
CALM	////////////////////////////////////											1.9	////////////////////////////////	
TOTALS	10.1	43.4	31.8	8.2	3.8	.6						100.0	9.1	8.0
TOTAL NUMBER OF OBSERVATIONS 157														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 70  
MONTH: NOV HOURS: ALL

DIRECTION   (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		.1	.1									.2	7.0	6.0
020-040	.1	.1										.3	3.8	4.0
050-070	.9	.6	.2									1.7	5.1	4.0
(E) 080-100	1.1	1.9	1.8	.7	.1							5.7	8.8	8.0
110-130	1.5	4.6	11.6	5.8	2.4	.2	.1					26.2	12.3	12.0
140-160	.6	3.6	5.0	3.1	1.2	.1						13.6	12.0	11.0
(S) 170-190	.6	.9	.2	.1								1.8	5.8	5.0
200-220	1.3	1.1	.2									2.5	5.2	4.5
230-250	1.4	4.1	2.1	.1								7.8	7.1	7.0
(W) 260-280	1.8	11.7	6.9	.3	.1							20.7	8.1	8.0
290-310	1.8	6.3	2.5	.1								10.7	7.3	8.0
320-340	1.0	.5	.2									1.7	4.8	4.0
VARIABLE														
CALM	////////////////////											7.0	////////	
TOTALS	12.1	35.5	30.8	10.2	3.8	.3	.1					100.0	8.8	9.0
TOTAL NUMBER OF OBSERVATIONS 1494														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS																
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN		
(DEGREES)												%	WIND	WIND		
(N) 350-010																
020-040																
050-070																
(E) 080-100																
110-130																
140-160																
(S) 170-190																
200-220																
230-250	12.5											12.5	4.0	4.0		
(W) 260-280																
290-310		50.0	25.0											75.0	8.5	8.5
320-340	12.5											12.5	2.0	2.0		
VARIABLE																
CALM	////////////////////////////////////											.0	////////////////////////////////			
TOTALS	25.0	50.0	25.0									100.0	7.1	8.0		

TOTAL NUMBER OF OBSERVATIONS 8

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	.4										1.3	3.7	4.0
020-040	1.7	1.3			.4							3.4	7.0	4.5
050-070	4.2	2.9										7.1	3.9	4.0
(E) 080-100	7.1	6.3	2.5	.8								16.8	6.0	5.0
110-130	7.6	5.0	9.2	2.1	.8							24.8	8.4	9.0
140-160	1.3			.4								1.7	6.0	3.0
(S) 170-190	.4											.4	4.0	4.0
200-220	.4											.4	2.0	2.0
230-250														
(W) 260-280	2.1	2.1	.4									4.6	5.2	5.0
290-310	2.5	.8										3.4	3.8	4.0
320-340	2.1	.4	.4									2.9	4.4	4.0
VARIABLE														
CALM	////////////////////////////////////											33.2	////////////////////////////////	
TOTALS	30.2	19.2	12.5	3.3	1.2							100.0	4.3	5.0
TOTAL NUMBER OF OBSERVATIONS 238														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4											.4	2.0	2.0
020-040	.2	.2										.4	6.0	6.0
050-070	.4		.2									.5	5.0	3.0
(E) 080-100	.9		.9									1.8	6.5	7.0
110-130	1.6	5.0	9.8	5.9	3.7							25.9	12.5	12.0
140-160	3.2	3.4	2.7	1.2	.9	.2						11.5	9.2	8.0
(S) 170-190	2.7	1.1										3.7	3.3	3.0
200-220	3.2	.7										3.9	3.3	3.0
230-250	5.7	3.7	1.6									11.	5.0	4.0
(W) 260-280	6.9	11.5	1.4									19.9	5.7	6.0
290-310	3.0	5.1	.4									8.5	5.4	5.0
320-340	.7	.9										1.6	4.8	5.0
VARIABLE														
CALM	////////////////////////////////////											11.0	////////////////////////////////	
TOTALS	28.9	31.6	17.0	7.1	4.6	.2						100.0	7.0	6.5
TOTAL NUMBER OF OBSERVATIONS 564														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2											.2	2.0	2.0
020-040														
050-070	.2											.2	4.0	4.0
(E) 080-100		.2	.2		.4							.8	15.3	16.0
110-130	.4	2.1	5.3	5.5	1.9	.4						15.6	13.9	14.5
140-160	.4	3.0	4.6	2.1	.8							10.8	12.0	11.0
(S) 170-190	.4	1.3										1.7	5.2	5.0
200-220	.6	.8										1.3	5.3	5.0
230-250	1.9	6.6	3.4	.2								12.1	7.2	8.0
(W) 260-280	6.1	23.1	10.8									40.0	7.4	8.0
290-310	3.0	9.5	1.7									14.2	6.6	7.0
320-340	.4	.6	.2									1.1	6.3	6.5
VARIABLE														
CALM	////////////////////////////////////											1.9	////////	
TOTALS	13.6	47.2	26.2	7.8	3.1	.4						100.0	8.6	8.0
TOTAL NUMBER OF OBSERVATIONS 527														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010													
020-040													
050-070													
(E) 080-100													
110-130		2.6	5.2	2.6	3.2						13.6	14.2	14.0
140-160	.6	1.9	4.5	.6	1.3						9.1	12.4	12.0
(S) 170-190	.6	2.6									3.2	5.6	5.0
200-220		.6									.6	6.0	6.0
230-250	2.6	3.9	2.6								9.1	6.9	7.0
(W) 260-280	9.1	24.7	7.1								40.9	6.9	7.0
290-310	2.6	10.4	5.2								18.2	7.4	7.5
320-340	1.3	1.9									3.2	4.2	5.0
VARIABLE													
CALM	////////////////////										1.9	////////	
TOTALS	16.8	48.6	24.6	3.2	4.5						100.0	8.2	8.0

TOTAL NUMBER OF OBSERVATIONS 154

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: DEC HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.1										.4	2.8	2.0
020-040	.3	.3			.1							.7	6.8	4.5
050-070	.9	.5	.1									1.4	4.0	4.0
(E) 080-100	1.5	1.1	.8	.1	.1							3.6	6.8	5.0
110-130	2.0	3.7	7.6	4.8	2.6	.1						20.8	12.2	12.0
140-160	1.6	2.6	3.1	1.3	.7	.1						9.4	10.6	10.0
(S) 170-190	1.3	1.1										2.4	4.1	4.0
200-220	1.5	.6										2.1	3.8	4.0
230-250	3.1	4.2	2.1	.1								9.4	6.2	6.0
(W) 260-280	6.1	15.5	5.2									26.8	6.8	7.0
290-310	2.9	6.5	1.3									10.7	6.2	6.0
320-340	.9	.8	.1									1.8	4.9	5.0
VARIABLE														
CALM	////////////////////											10.4	////////	
TOTALS	22.4	37.0	20.3	6.3	3.5	.2						100.0	7.2	8.0

TOTAL NUMBER OF OBSERVATIONS 1483

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION   (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010													
020-040													
050-070													
(E) 080-100													
110-130													
140-160													
(S) 170-190													
200-220													
230-250		13.3	6.7	6.7							26.7	11.8	10.5
(W) 260-280	6.7	20.0	13.3								40.0	7.3	8.0
290-310	6.7	13.3									20.0	5.3	5.0
320-340													
VARIABLE													
CALM	////////////////////										13.3	////////////////	
TOTALS	13.4	46.6	20.0	6.7							100.0	7.1	8.0

TOTAL NUMBER OF OBSERVATIONS 15

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: ALL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.1	.1	.0								.4	4.8	4.0
020-040	.3	.1	.0		.0							.5	4.1	4.0
050-070	.8	.4	.2	.0	.0							1.3	5.0	4.0
(E) 080-100	1.4	1.6	1.5	.6	.2	.0		.0				5.4	8.9	8.0
110-130	1.7	4.1	6.7	3.0	1.2	.1	.0					16.7	11.1	10.0
140-160	1.4	4.2	4.0	1.6	.4	.1						11.6	9.9	10.0
(S) 170-190	1.2	1.3	.3	.0								2.8	5.6	5.0
200-220	1.3	1.0	.2	.0								2.5	4.8	4.0
230-250	2.5	4.2	2.6	.1	.0							9.5	6.9	7.0
(W) 260-280	4.5	13.6	6.2	.3	.0							24.7	7.2	7.0
290-310	3.0	7.9	2.9	.1								13.9	6.9	7.0
320-340	.8	1.0	.1									2.0	5.3	5.0
VARIABLE														
CALM	////////////////////											8.7	////////	
TOTALS	19.2	39.5	24.8	5.7	1.8	.2						100.0	7.4	8.0

TOTAL NUMBER OF OBSERVATIONS: 21417

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION   (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
												%	WIND	WIND
(N) 350-010	.4		.4									.7	6.0	6.0
020-040		.7										.7	6.5	6.5
050-070		.4	.4									.7	8.5	8.5
(E) 080-100	1.8	.4	.4	.4								2.9	5.8	3.0
110-130	.7			1.8	.4							2.9	14.0	17.5
140-160	1.5	1.1	.4		.4							3.3	7.3	5.0
(S) 170-190	.7											.7	2.0	2.0
200-220	2.9	.7	.4									4.0	4.5	4.0
230-250	4.0	4.0	1.8	.4								10.2	6.4	5.0
(W) 260-280	7.7	18.2	6.6									32.5	6.4	6.0
290-310	4.4	16.8	5.5									26.6	6.9	7.0
320-340	1.1	2.2										3.3	5.2	6.0
VARIABLE														
CALM	////////////////////////////////////											11.3	////////	
TOTALS	25.2	44.5	15.9	2.6	.8							100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS: 274

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	DDDDDDDD
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	DDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPP	AA AA	RRRRRRRR	TT	DD DD
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	DD DD
PP	AAAAAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DDDDDDDD
PP	AA AA	RR RR	TT	DDDDDDDD

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET-- "NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.  
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURED, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR  
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR

1/8 THRU 4/8.....SCATTERED

5/8 THRU 7/8.....BROKEN

8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN  
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"  
HOWEVER, ARE INCLUDED.



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JAN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	81.8	81.8	82.8	82.8	83.1	83.1	83.1	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.8
GE 20000	86.4	86.4	87.3	87.3	87.7	87.7	87.7	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.3
GE 18000	87.0	87.0	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	89.0
GE 16000	87.0	87.0	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	89.0
GE 14000	88.6	88.6	89.6	89.6	89.9	89.9	89.9	89.9	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.6
GE 12000	89.3	89.3	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	91.2
GE 10000	90.9	90.9	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.9
GE 9000	90.9	90.9	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.9
GE 8000	92.2	92.5	93.5	93.5	93.8	93.8	93.8	93.8	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.5
GE 7000	92.5	92.9	93.8	93.8	94.2	94.2	94.2	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.8
GE 6000	92.9	93.2	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	95.1
GE 5000	93.2	93.5	94.5	94.5	94.8	94.8	94.8	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.5
GE 4500	93.2	93.5	94.5	94.5	94.8	94.8	94.8	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.5
GE 4000	93.2	93.8	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.8
GE 3500	93.2	93.8	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.8
GE 3000	93.5	94.2	95.5	95.5	95.8	95.8	95.8	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.4
GE 2500	93.5	94.2	95.5	95.5	95.8	95.8	95.8	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.4
GE 2000	93.8	94.5	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.8
GE 1800	93.8	94.5	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.8
GE 1500	94.5	95.5	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.7
GE 1200	94.5	95.5	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.7
GE 1000	94.5	95.5	97.4	97.4	97.7	98.1	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.7
GE 900	94.5	95.5	97.4	97.4	97.7	98.1	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.7
GE 800	94.5	95.5	97.7	97.7	98.1	98.4	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	99.0
GE 700	94.5	95.5	97.7	97.7	98.1	98.4	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	99.0
GE 600	94.5	95.5	97.7	97.7	98.1	98.4	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	99.0
GE 500	94.5	95.5	97.7	97.7	98.1	98.4	98.4	98.4	98.4	98.7	98.7	98.7	99.0	99.0	99.0	99.4
GE 400	94.5	95.5	97.7	97.7	98.1	98.4	98.4	98.4	98.4	98.7	98.7	98.7	99.0	99.0	99.0	99.4
GE 300	94.5	95.5	97.7	97.7	98.1	98.4	98.4	98.4	98.4	98.7	98.7	98.7	99.0	99.0	99.0	99.4
GE 200	94.5	95.5	97.7	97.7	98.1	98.4	98.4	98.4	98.4	98.7	98.7	98.7	99.0	99.0	99.0	99.4
GE 100	94.5	95.5	97.7	97.7	98.1	98.4	98.4	98.4	98.4	98.7	98.7	98.7	99.0	99.0	99.0	100.0
GE 000	94.5	95.5	97.7	97.7	98.1	98.4	98.4	98.4	98.4	98.7	98.7	98.7	99.0	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 308

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	82.0	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 20000	86.5	86.8	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 18000	87.6	87.9	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 16000	87.6	87.9	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 14000	89.4	89.7	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 12000	90.5	90.8	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 10000	92.3	92.6	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 9000	92.3	92.6	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 8000	93.6	94.1	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 7000	94.2	94.7	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 6000	94.8	95.3	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 5000	95.0	95.5	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 4500	95.0	95.5	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 4000	95.0	95.5	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 3500	95.0	95.5	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 3000	95.5	95.9	96.2	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2500	95.8	96.2	96.7	96.8	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2000	96.5	97.0	97.4	97.7	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1800	96.5	97.0	97.4	97.7	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1500	96.8	97.4	97.9	98.2	98.6	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	97.0	97.6	98.0	98.3	98.8	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	97.1	97.7	98.2	98.5	98.9	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	97.1	97.7	98.2	98.5	98.9	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	97.1	97.7	98.3	98.6	99.1	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	97.1	97.7	98.3	98.6	99.1	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	97.1	97.7	98.3	98.6	99.1	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.1	97.7	98.3	98.6	99.1	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.1	97.7	98.3	98.6	99.1	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.1	97.7	98.3	98.6	99.1	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.1	97.7	98.3	98.6	99.1	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.1	97.7	98.3	98.6	99.1	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.1	97.7	98.3	98.6	99.1	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 660

OPERATING LOCATION "A"  
USAFETAC ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 20000	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 18000	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 16000	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 14000	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 12000	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 10000	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 9000	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 8000	88.3	88.5	88.5	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 7000	88.5	88.6	88.6	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 6000	88.8	89.0	89.0	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 5000	89.4	89.6	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 4500	90.2	90.4	90.4	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 4000	91.0	91.2	91.2	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 3500	91.2	91.3	91.5	91.5	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 3000	93.4	93.7	94.2	94.2	95.1	95.1	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2500	94.2	94.5	95.1	95.1	96.1	96.1	96.1	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 2000	94.3	94.6	95.4	95.7	96.7	96.7	96.7	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1800	94.3	94.6	95.4	95.7	96.7	96.7	96.7	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1500	95.4	95.7	96.8	97.3	98.3	98.3	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	95.6	95.9	97.0	97.5	98.4	98.4	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	95.9	96.2	97.5	97.9	98.9	98.9	98.9	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	95.9	96.2	97.5	97.9	98.9	98.9	98.9	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	96.1	96.4	97.6	98.1	99.1	99.1	99.1	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	96.1	96.4	97.6	98.1	99.1	99.1	99.1	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	96.1	96.4	97.6	98.1	99.1	99.1	99.1	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	96.1	96.4	97.8	98.3	99.2	99.2	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	96.1	96.4	97.8	98.3	99.2	99.2	99.2	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	96.1	96.4	97.8	98.3	99.2	99.2	99.2	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	96.1	96.4	97.8	98.3	99.2	99.2	99.2	99.4	99.4	99.8	99.8	99.8	99.8	99.8	100.0	100.0
GE 100	96.1	96.4	97.8	98.3	99.2	99.2	99.2	99.4	99.4	99.8	99.8	99.8	99.8	99.8	100.0	100.0
GE 000	96.1	96.4	97.8	98.3	99.2	99.2	99.2	99.4	99.4	99.8	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 634

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	65.6	68.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 20000	68.7	71.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 18000	69.2	71.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 16000	69.2	71.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 14000	70.8	73.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 12000	72.8	75.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 10000	74.9	77.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 9000	74.9	77.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 8000	75.9	78.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 7000	75.9	78.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 6000	76.9	79.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 5000	77.4	80.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 4500	77.4	80.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 4000	80.5	83.1	85.1	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 3500	81.0	83.6	85.6	85.6	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 3000	85.6	88.7	91.3	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 2500	86.7	89.7	92.3	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 2000	87.7	90.8	93.3	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1800	87.7	90.8	93.3	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1500	91.3	94.4	96.9	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1200	91.3	94.4	96.9	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1000	91.3	94.4	96.9	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 900	91.3	94.4	96.9	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 800	91.3	94.4	96.9	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 700	91.3	94.4	96.9	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 600	91.3	94.4	96.9	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 500	91.3	94.4	96.9	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 400	91.8	94.9	97.4	97.9	98.5	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.5	99.5	99.5
GE 300	91.8	94.9	97.4	97.9	98.5	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.5	100.0	100.0
GE 200	91.8	94.9	97.4	97.9	98.5	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.5	100.0	100.0
GE 100	91.8	94.9	97.4	97.9	98.5	98.5	99.0	99.0	99.0	9.0	99.0	99.0	99.0	99.5	100.0	100.0
GE 000	91.8	94.9	97.4	97.9	98.5	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 195

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JAN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	78.1	78.5	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 20000	82.3	82.7	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 18000	83.0	83.5	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 16000	83.2	83.6	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 14000	84.9	85.3	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0
GE 12000	86.0	86.5	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2
GE 10000	88.0	88.4	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 9000	88.1	88.6	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 8000	89.6	90.2	90.7	90.7	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 7000	89.9	90.5	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4
GE 6000	90.4	91.0	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9
GE 5000	90.8	91.4	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3
GE 4500	91.1	91.7	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 4000	91.7	92.3	92.8	92.8	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 3500	91.8	92.4	93.0	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5
GE 3000	93.3	94.0	94.8	94.9	95.5	95.5	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.8
GE 2500	93.8	94.5	95.4	95.5	96.2	96.2	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 2000	94.3	95.0	96.0	96.3	96.9	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1800	94.3	95.0	96.0	96.3	96.9	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1500	95.3	96.2	97.2	97.6	98.2	98.2	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	95.4	96.3	97.3	97.7	98.3	98.3	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	95.6	96.4	97.7	98.0	98.6	98.8	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	95.6	96.4	97.7	98.0	98.6	98.8	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	95.7	96.5	97.8	98.2	98.8	98.9	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	95.7	96.5	97.8	98.2	98.8	98.9	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	95.7	96.5	97.8	98.2	98.8	98.9	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	95.7	96.5	97.9	98.2	98.8	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.6
GE 400	95.7	96.5	97.9	98.3	98.9	99.1	99.2	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.8
GE 300	95.7	96.5	97.9	98.3	98.9	99.1	99.2	99.3	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.8
GE 200	95.7	96.5	97.9	98.3	98.9	99.1	99.2	99.3	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.9
GE 100	95.7	96.5	97.9	98.3	98.9	99.1	99.2	99.3	99.3	99.6	99.6	99.6	99.7	99.8	99.8	100.0
GE 000	95.7	96.5	97.9	98.3	98.9	99.1	99.2	99.3	99.3	99.6	99.6	99.6	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1797

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: FEB HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 20000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 18000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 16000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 14000	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 12000	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 10000	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 9000	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 8000	89.6	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 7000	90.0	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 6000	90.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 5000	90.8	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 4500	90.8	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 4000	90.8	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 3500	90.8	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 3000	93.6	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 2500	94.8	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2000	96.4	96.8	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1800	96.4	96.8	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	96.4	96.8	97.6	98.0	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	96.4	96.8	97.6	98.0	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	96.4	96.8	97.6	98.0	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	96.4	96.8	97.6	98.0	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	96.4	96.8	97.6	98.0	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	96.4	96.8	97.6	98.0	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	96.4	96.8	97.6	98.0	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	96.4	6.8	97.6	98.0	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	96.4	96.8	97.6	98.0	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	96.4	96.8	97.6	98.0	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6
GE 200	96.4	96.8	97.6	98.0	98.8	98.8	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
GE 100	96.4	96.8	97.6	98.0	98.8	98.8	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
GE 000	96.4	96.8	97.6	98.0	98.8	98.8	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 249

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: FEB HOURS: 09-11

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	81.5	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 20000	85.5	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 18000	85.8	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 16000	85.8	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 14000	86.7	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 12000	88.4	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 10000	90.5	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 9000	90.5	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 8000	91.3	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 7000	91.5	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 6000	91.5	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 5000	91.7	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 4500	91.9	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 4000	92.0	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 3500	92.2	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 3000	94.3	95.3	96.0	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 2500	95.2	96.4	97.1	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2000	95.7	97.1	97.8	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1800	95.8	97.2	97.9	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1500	95.8	97.4	98.3	98.6	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	96.0	97.6	98.4	98.8	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	96.0	97.6	98.4	98.8	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	96.0	97.6	98.4	98.8	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	96.0	97.6	98.4	98.8	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	96.0	97.6	98.4	98.8	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	96.0	97.6	98.4	98.8	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	96.0	97.6	98.6	99.0	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	96.0	97.6	98.6	99.0	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	96.0	97.6	98.6	99.0	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	96.0	97.6	98.6	99.0	99.3	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.0	97.6	98.6	99.0	99.3	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.0	97.6	98.6	99.0	99.3	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 578

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	71.5	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 20000	77.0	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 18000	77.9	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 16000	77.9	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 14000	79.5	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 12000	80.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 10000	81.0	81.5	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 9000	81.0	81.5	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 8000	83.2	83.7	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 7000	83.7	84.3	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 6000	84.3	84.8	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 5000	84.6	85.2	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 4500	84.8	85.6	85.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 4000	85.7	86.5	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 3500	86.8	87.6	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 3000	89.9	90.7	91.0	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 2500	91.6	92.7	93.1	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 2000	92.3	93.8	94.3	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1800	92.3	93.8	94.3	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1500	94.1	95.8	96.3	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1200	94.1	95.8	96.3	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1000	94.3	96.0	96.5	97.3	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 900	94.3	96.0	96.5	97.3	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 800	94.5	96.2	96.7	97.4	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 700	94.5	96.2	96.7	97.4	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 600	94.5	96.2	96.7	97.4	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	94.5	96.2	96.9	97.6	98.4	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3
GE 400	94.5	96.2	96.9	97.6	98.4	98.4	98.9	99.1	99.1	99.1	99.1	99.3	99.3	99.5	99.5	99.5
GE 300	94.5	96.2	96.9	97.6	98.4	98.4	98.9	99.1	99.1	99.1	99.1	99.3	99.3	99.5	99.5	99.5
GE 200	94.5	96.2	96.9	97.6	98.4	98.4	98.9	99.1	99.1	99.1	99.1	99.3	99.3	99.6	99.6	99.8
GE 100	94.5	96.2	96.9	97.6	98.4	98.4	98.9	99.1	99.1	99.1	99.1	99.3	99.3	99.6	99.6	99.8
GE 000	94.5	96.2	96.9	97.6	98.4	98.4	98.9	99.1	99.1	99.1	99.1	99.3	99.3	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 547



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: FEB HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.8	60.8	61.9	62.5	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 20000	64.2	64.2	65.3	65.9	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 18000	64.2	64.8	65.9	66.5	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 16000	64.2	64.8	65.9	66.5	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 14000	66.5	67.0	68.2	68.8	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 12000	67.0	67.6	68.8	69.3	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 10000	68.2	68.8	69.9	70.5	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 9000	68.2	68.8	69.9	70.5	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 8000	68.8	69.3	70.5	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 7000	69.3	69.9	71.0	71.6	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 6000	69.3	69.9	71.0	71.6	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 5000	70.5	71.0	72.2	72.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 4500	70.5	71.0	72.2	72.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 4000	72.2	72.7	73.9	74.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 3500	73.9	74.4	76.1	76.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 3000	78.4	79.0	81.3	82.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 2500	81.3	81.8	84.1	85.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 2000	84.7	85.2	88.1	89.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1800	84.7	85.2	88.1	89.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1500	89.8	90.3	93.2	94.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1200	90.3	90.9	93.8	94.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1000	90.9	91.5	94.3	95.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 900	90.9	91.5	94.3	95.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 800	90.9	91.5	94.3	95.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 700	90.9	91.5	94.3	95.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	90.9	91.5	94.3	95.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 500	91.5	92.0	94.9	96.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 400	91.5	92.0	94.9	96.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.9	98.9	98.9	98.9	98.9
GE 300	91.5	92.0	94.9	96.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.9	98.9	99.4	99.4	99.4
GE 200	91.5	92.0	94.9	96.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.9	98.9	100.0	100.0	100.0
GE 100	91.5	92.0	94.9	96.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.9	98.9	100.0	100.0	100.0
GE 000	91.5	92.0	94.9	96.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.9	98.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 176

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: FEB HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	75.2	75.5	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 20000	79.5	79.9	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 18000	79.9	80.4	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 16000	79.9	80.4	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 14000	81.2	81.6	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 12000	82.5	83.0	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 10000	84.1	84.6	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 9000	84.1	84.6	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 8000	85.6	86.1	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 7000	86.0	86.5	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 6000	86.3	86.7	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 5000	86.6	87.2	87.6	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 4500	86.8	87.4	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 4000	87.4	88.1	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 3500	88.0	88.8	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 3000	90.8	91.6	92.3	92.6	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 2500	92.3	93.2	93.9	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 2000	93.4	94.5	95.4	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1800	93.4	94.6	95.4	95.9	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1500	94.6	95.9	96.9	97.5	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1200	94.8	96.1	97.0	97.6	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	94.9	96.2	97.2	97.7	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	94.9	96.2	97.2	97.7	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	95.0	96.3	97.2	97.8	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	95.0	96.3	97.2	97.8	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	95.0	96.3	97.2	97.8	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	95.0	96.3	97.4	98.0	98.7	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 400	95.0	96.3	97.4	98.0	98.7	98.8	99.1	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4
GE 300	95.0	96.3	97.4	98.0	98.8	98.8	99.2	99.3	99.3	99.3	99.3	99.4	99.5	99.6	99.6	99.6
GE 200	95.0	96.3	97.4	98.0	98.8	98.8	99.2	99.4	99.4	99.4	99.4	99.5	99.6	99.9	99.9	99.9
GE 100	95.0	96.3	97.4	98.0	98.8	98.8	99.2	99.4	99.4	99.4	99.4	99.5	99.6	99.9	99.9	99.9
GE 000	95.0	96.3	97.4	98.0	98.8	98.8	99.2	99.4	99.4	99.4	99.4	99.5	99.6	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1550

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	78.8	78.8	79.2	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 20000	84.7	84.7	85.1	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 18000	86.1	86.1	86.5	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 16000	86.8	86.8	87.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 14000	88.2	88.2	88.5	88.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 12000	89.6	89.6	89.9	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 10000	92.0	92.0	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 9000	92.4	92.4	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 8000	93.1	93.1	93.4	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 7000	94.1	94.1	94.4	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 6000	94.4	94.4	94.8	95.1	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 5000	94.4	94.4	94.8	95.1	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 4500	94.4	94.4	94.8	95.1	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 4000	94.4	94.4	94.8	95.1	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 3500	94.8	94.8	95.1	95.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 3000	95.5	95.5	95.8	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2500	95.8	95.8	96.2	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2000	96.2	96.2	96.5	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1800	96.2	96.2	96.5	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1500	96.2	96.2	96.5	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1200	96.2	96.2	96.5	97.2	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	96.2	96.2	96.5	97.2	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	96.2	96.2	96.5	97.2	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	96.2	96.2	96.5	97.2	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	96.2	96.2	96.5	97.2	98.3	98.3	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	96.2	96.2	96.5	97.2	98.3	98.3	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	96.2	96.2	96.5	97.2	98.3	98.3	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	96.2	96.2	96.5	97.2	98.3	98.3	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	96.2	96.2	96.5	97.2	98.3	98.3	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3
GE 200	96.2	96.2	96.5	97.2	98.3	98.3	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	96.2	96.2	96.5	97.2	98.3	98.3	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	100.0
GE 000	96.2	96.2	96.5	97.2	98.3	98.3	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 288

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	80.5	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 20000	88.1	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 18000	89.1	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 16000	89.4	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 14000	90.5	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 12000	91.7	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 10000	92.8	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 9000	93.5	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 8000	93.8	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 7000	94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 6000	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 5000	94.7	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 4500	94.7	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 4000	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 3500	95.3	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 3000	96.1	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2500	96.1	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2000	96.4	96.8	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1800	96.5	97.0	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1500	97.1	97.6	98.2	98.5	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	97.1	97.6	98.2	98.5	98.6	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	97.1	97.6	98.2	98.5	98.8	98.8	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	97.1	97.6	98.2	98.5	98.8	98.8	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	97.1	97.6	98.2	98.5	98.8	98.8	98.9	98.9	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	97.1	97.6	98.2	98.5	98.8	98.8	98.9	98.9	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	97.1	97.6	98.2	98.5	98.8	98.8	98.9	98.9	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	97.1	97.6	98.2	98.5	98.8	98.8	98.9	98.9	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	97.1	97.7	98.3	98.6	98.9	98.9	99.1	99.1	99.1	99.2	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	97.1	97.7	98.3	98.6	98.9	98.9	99.1	99.1	99.1	99.2	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	97.1	97.7	98.3	98.6	98.9	98.9	99.1	99.1	99.1	99.4	99.8	99.8	99.8	99.8	100.0	100.0
GE 100	97.1	97.7	98.3	98.6	98.9	98.9	99.1	99.1	99.1	99.4	99.8	99.8	99.8	99.8	100.0	100.0
GE 000	97.1	97.7	98.3	98.6	98.9	98.9	99.1	99.1	99.1	99.4	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 663

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.9	67.5	68.0	68.5	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 20000	74.8	75.5	75.9	76.4	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 18000	75.9	76.6	77.0	77.5	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 16000	75.9	76.6	77.0	77.5	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 14000	77.0	77.6	78.1	78.6	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 12000	78.1	78.7	79.2	79.7	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 10000	79.7	80.3	80.7	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 9000	80.0	80.6	81.1	81.5	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 8000	81.4	82.0	82.5	82.9	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 7000	82.9	83.7	84.2	84.6	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 6000	83.2	84.0	84.5	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 5000	83.5	84.3	84.9	85.4	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 4500	83.5	84.3	84.9	85.4	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 4000	84.5	85.2	85.9	86.3	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 3500	85.4	86.2	86.8	87.3	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 3000	87.9	88.8	89.8	90.2	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 2500	89.1	90.1	91.0	91.6	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 2000	91.5	92.7	93.9	94.7	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1800	91.6	92.9	94.1	94.9	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1500	93.2	94.9	96.6	97.5	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	93.2	94.9	96.6	97.5	98.4	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	93.6	95.3	97.2	98.3	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	93.6	95.3	97.2	98.3	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	93.6	95.3	97.2	98.3	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	93.6	95.3	97.2	98.3	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	93.6	95.3	97.2	98.3	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	93.8	95.5	97.4	98.4	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	93.8	95.5	97.4	98.4	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
GE 300	93.8	95.5	97.4	98.4	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
GE 200	93.8	95.5	97.4	98.4	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
GE 100	93.8	95.5	97.4	98.4	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
GE 000	93.8	95.5	97.4	98.4	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 644

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.3	53.3	54.4	54.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 20000	56.9	57.9	59.0	59.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 18000	57.9	59.0	60.5	60.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 16000	57.9	59.0	60.5	60.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 14000	59.5	60.5	62.1	62.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 12000	61.5	62.6	64.1	64.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 10000	63.6	64.6	66.2	66.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 9000	63.6	64.6	66.2	66.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 8000	64.6	65.6	67.2	67.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 7000	66.2	67.2	68.7	68.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 6000	66.7	67.7	69.2	69.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 5000	66.7	67.7	69.2	69.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 4500	66.7	67.7	69.2	69.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 4000	68.2	69.2	70.8	70.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 3500	69.7	71.3	73.3	73.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 3000	74.4	76.4	78.5	78.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 2500	76.9	79.0	81.0	81.0	82.6	82.6	82.6	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 2000	83.1	85.1	87.2	87.7	90.3	90.3	90.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1800	83.1	85.1	87.2	87.7	90.3	90.3	90.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1500	86.2	88.7	91.3	91.8	94.4	94.4	94.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1200	86.2	88.7	91.3	92.3	94.9	94.9	94.9	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1000	86.7	89.7	92.3	93.3	95.9	95.9	95.9	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 900	86.7	89.7	92.3	93.3	95.9	95.9	95.9	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 800	86.7	89.7	92.3	93.3	96.4	96.4	96.4	96.9	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 700	86.7	89.7	92.3	93.3	96.4	96.4	96.4	97.4	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	87.2	90.3	92.8	93.8	96.9	96.9	96.9	97.9	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	87.7	90.8	93.3	94.4	97.4	97.4	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	87.7	90.8	93.3	94.4	97.4	97.4	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	87.7	90.8	93.3	94.4	97.4	97.4	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	87.7	90.8	93.3	94.4	97.4	97.4	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	87.7	90.8	93.3	94.4	97.4	97.4	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	87.7	90.8	93.3	94.4	97.4	97.4	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 195

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	72.3	72.7	73.1	73.3	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 20000	79.4	79.8	80.2	80.4	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 18000	80.5	80.9	81.4	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 16000	80.7	81.2	81.6	81.8	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 14000	81.9	82.3	82.8	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 12000	83.2	83.6	84.1	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 10000	84.7	85.2	85.6	85.8	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 9000	85.2	85.6	86.1	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 8000	86.0	86.5	86.9	87.1	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 7000	87.1	87.6	88.0	88.2	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 6000	87.4	87.9	88.4	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 5000	87.6	88.1	88.6	88.8	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 4500	87.6	88.1	88.6	88.8	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 4000	88.2	88.7	89.2	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 3500	88.9	89.4	90.0	90.2	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 3000	90.7	91.4	92.1	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 2500	91.5	92.2	92.8	93.2	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 2000	93.1	94.0	94.9	95.4	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1800	93.2	94.1	95.0	95.5	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1500	94.4	95.4	96.6	97.2	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1200	94.4	95.4	96.6	97.3	98.0	98.0	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	94.6	95.7	96.9	97.7	98.5	98.5	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	94.6	95.7	96.9	97.7	98.5	98.5	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	94.6	95.7	96.9	97.7	98.6	98.6	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	94.6	95.7	96.9	97.7	98.6	98.6	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	94.6	95.8	97.0	97.7	98.7	98.7	99.1	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	94.7	95.9	97.1	97.8	98.8	98.8	99.2	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	94.7	95.9	97.2	97.9	98.8	98.8	99.2	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8
GE 300	94.7	95.9	97.2	97.9	98.8	98.8	99.2	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8
GE 200	94.7	95.9	97.2	97.9	98.8	98.8	99.2	99.4	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9
GE 100	94.7	95.9	97.2	97.9	98.8	98.8	99.2	99.4	99.4	99.6	99.8	99.8	99.8	99.9	99.9	100.0
GE 000	94.7	95.9	97.2	97.9	98.8	98.8	99.2	99.4	99.4	99.6	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1790

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	73.3	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 20000	81.8	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 18000	84.6	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 16000	84.6	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 14000	84.6	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 12000	87.0	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 10000	89.0	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 9000	89.7	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 8000	91.4	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 7000	93.2	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 6000	93.2	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 5000	93.8	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 4500	94.2	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 4000	94.2	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 3500	95.9	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 3000	97.6	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2500	97.9	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500	99.0	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.0	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.0	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.0	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.0	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.0	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.0	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.0	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.0	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.0	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.0	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.0	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.0	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 292



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LS. TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	73.7	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 20000	85.1	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 18000	87.8	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 16000	88.1	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 14000	88.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 12000	88.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 10000	90.0	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 9000	90.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 8000	91.4	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 7000	92.4	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 6000	93.4	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 5000	93.5	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 4500	93.5	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 4000	94.5	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 3500	95.1	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 3000	97.2	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2500	97.4	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2000	97.5	98.3	98.5	98.5	98.8	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1800	97.5	98.3	98.5	98.5	98.8	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	98.2	98.9	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	98.2	98.9	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	98.2	98.9	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	98.2	98.9	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	98.2	98.9	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	98.2	98.9	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	98.2	98.9	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	98.2	98.9	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	98.2	98.9	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	98.2	98.9	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	98.2	98.9	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 100	98.2	98.9	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 000	98.2	98.9	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 649

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: APR HOURS: 12-14

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	4.4	50.1	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 20000	62.8	63.4	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 18000	63.9	64.7	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 16000	64.6	65.4	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 14000	65.4	66.2	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 12000	65.4	66.2	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 10000	67.1	68.0	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 9000	67.3	68.1	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 8000	67.8	68.6	70.0	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 7000	68.0	68.8	70.2	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 6000	69.2	70.0	71.5	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 5000	69.4	70.2	71.7	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 4500	69.4	70.2	71.7	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 4000	71.8	72.6	74.1	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 3500	74.1	74.9	76.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 3000	82.6	83.6	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 2500	84.2	85.2	87.0	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 2000	88.2	89.7	92.3	93.6	94.0	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1800	88.4	89.9	92.4	93.7	94.2	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1500	90.7	92.3	95.3	96.6	97.6	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	90.8	92.4	95.7	96.9	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	91.0	92.6	95.8	97.1	98.2	98.6	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	91.0	92.6	95.8	97.1	98.2	98.6	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	91.0	92.6	95.8	97.1	98.2	98.6	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	91.0	92.6	95.8	97.1	98.2	98.6	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	91.0	92.6	95.8	97.1	98.2	98.6	98.9	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	91.0	92.6	95.8	97.1	98.2	98.6	98.9	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	91.0	92.6	95.8	97.1	98.2	98.6	98.9	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	91.0	92.6	95.8	97.1	98.2	98.6	98.9	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	91.0	92.6	95.8	97.1	98.2	98.6	99.0	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	91.0	92.6	95.8	97.1	98.2	98.6	99.0	99.2	99.4	99.7	99.7	99.7	99.8	99.8	99.8	100.0
GE 000	91.0	92.6	95.8	97.1	98.2	98.6	99.0	99.2	99.4	99.7	99.7	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 621

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.7	36.7	37.2	37.8	37.8	37.8	37.8	37.8	37.8	37.8	7.8	37.8	37.8	37.8	37.8	37.8
GE 20000	45.2	45.2	45.7	46.3	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 18000	46.3	46.3	46.8	47.3	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 16000	46.3	46.3	46.8	47.3	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 14000	47.3	47.3	47.9	48.4	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 12000	48.4	48.4	48.9	49.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 10000	48.9	48.9	49.5	50.0	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 9000	48.9	48.9	49.5	50.0	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 8000	49.5	49.5	50.0	50.5	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 7000	50.0	50.0	50.5	51.1	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 6000	51.1	51.1	51.6	52.1	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 5000	51.6	51.6	52.1	52.7	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 4500	52.1	52.1	52.7	53.2	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 4000	56.4	56.4	56.9	57.4	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 3500	58.5	58.5	59.0	59.6	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 3000	68.6	68.6	69.7	70.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 2500	71.3	71.3	72.3	72.9	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 2000	81.4	82.4	84.0	86.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1800	81.4	82.4	84.0	86.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1500	83.5	84.6	86.2	88.8	91.0	91.0	91.0	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 1200	84.0	85.1	86.7	89.4	91.5	92.0	92.0	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1000	84.0	85.1	86.7	89.4	92.0	92.6	93.1	93.6	93.6	93.6	94.1	94.1	94.1	94.1	94.1	94.1
GE 900	84.0	85.6	87.2	90.4	93.1	93.6	94.1	94.7	94.7	94.7	95.2	95.2	95.2	95.2	95.2	95.2
GE 800	84.0	85.6	87.2	91.0	94.1	94.7	95.7	96.8	96.8	96.8	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	84.0	85.6	87.2	91.0	94.1	94.7	95.7	96.8	96.8	96.8	97.3	97.3	97.3	97.3	97.3	97.3
GE 600	84.0	85.6	87.2	91.0	94.1	94.7	95.7	96.8	96.8	96.8	97.3	97.3	97.3	97.3	97.3	97.3
GE 500	84.0	85.6	87.2	91.0	94.1	94.7	95.7	97.9	97.9	97.9	98.4	98.4	98.9	98.9	98.9	98.9
GE 400	84.0	85.6	87.2	91.0	94.1	94.7	95.7	97.9	97.9	97.9	98.4	98.9	98.9	99.5	99.5	99.5
GE 300	84.0	85.6	87.2	91.0	94.1	94.7	95.7	97.9	97.9	97.9	98.4	98.9	98.9	99.5	99.5	99.5
GE 200	84.0	85.6	87.2	91.0	94.1	94.7	95.7	97.9	97.9	97.9	98.4	98.9	98.9	99.5	99.5	99.5
GE 100	84.0	85.6	87.2	91.0	94.1	94.7	95.7	97.9	97.9	97.9	98.4	98.9	98.9	100.0	100.0	100.0
GE 000	84.0	85.6	87.2	91.0	94.1	94.7	95.7	97.9	97.9	97.9	98.4	98.9	98.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 188

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.0	61.5	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 20000	72.3	72.9	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 18000	74.3	74.9	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 16000	74.7	75.3	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 14000	75.1	75.7	76.2	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 12000	75.8	76.4	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 10000	77.3	77.9	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 9000	77.6	78.2	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 8000	78.5	79.1	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 7000	79.3	79.9	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 6000	80.2	80.9	81.5	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 5000	80.5	81.1	81.8	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 4500	80.6	81.3	81.9	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 4000	82.3	82.9	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 3500	83.8	84.5	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 3000	89.0	89.7	90.5	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 2500	90.0	90.7	91.5	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 2000	92.7	93.7	94.9	95.5	96.1	96.2	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1800	92.7	93.7	94.9	95.6	96.1	96.2	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1500	94.1	95.1	96.5	97.2	97.9	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1200	94.2	95.2	96.6	97.4	98.1	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	94.2	95.3	96.7	97.5	98.3	98.5	98.6	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	94.2	95.3	96.8	97.6	98.4	98.6	98.7	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	94.2	95.3	96.8	97.7	98.5	98.7	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	94.2	95.3	96.8	97.7	98.5	98.7	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	94.2	95.3	96.8	97.7	98.5	98.7	98.9	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	94.2	95.3	96.8	97.7	98.5	98.7	98.9	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 400	94.2	95.3	96.8	97.7	98.5	98.7	98.9	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	94.2	95.3	96.8	97.7	98.5	98.7	98.9	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	94.2	95.3	96.8	97.7	98.5	98.7	99.0	99.3	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8
GE 100	94.2	95.3	96.8	97.7	98.5	98.7	99.0	99.3	99.4	99.7	99.7	99.7	99.7	99.9	99.9	100.0
GE 000	94.2	95.3	96.8	97.7	98.5	98.7	99.0	99.3	99.4	99.7	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1750

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAY HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 20000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 18000	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 16000	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 14000	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 12000	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 10000	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 9000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 8000	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 7000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 6000	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 5000	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 4500	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 4000	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 3500	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 3000	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2500	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2000	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1800	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1500	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	98.6	98.6	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	98.6	98.6	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	98.9	98.9	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	98.9	98.9	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	98.9	98.9	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	98.9	98.9	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.9	98.9	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.9	98.9	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.9	98.9	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.9	98.9	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.9	98.9	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 348

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAY HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 20000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 18000	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 16000	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 14000	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 12000	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 10000	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 9000	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 8000	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 7000	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 6000	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 5000	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 4500	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 4000	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 3500	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 3000	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 2500	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2000	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAY HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.1	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 20000	64.4	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 18000	65.7	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 16000	66.0	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 14000	66.1	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 12000	67.0	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 10000	68.0	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 9000	68.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 8000	70.5	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 7000	70.5	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 6000	70.8	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 5000	71.7	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 4500	71.7	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 4000	72.1	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 3500	74.9	76.2	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 3000	83.0	84.5	85.0	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 2500	88.7	90.2	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2000	93.4	95.0	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1800	93.4	95.0	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1500	95.0	96.8	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	95.2	96.9	97.7	97.9	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	95.2	96.9	97.8	98.4	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	95.2	96.9	97.9	98.5	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	95.3	97.1	98.1	98.7	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	95.3	97.1	98.1	98.7	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	95.3	97.1	98.1	98.7	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	95.3	97.1	98.1	98.7	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	95.3	97.1	98.1	98.7	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.3	97.1	98.1	98.7	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.3	97.1	98.1	98.7	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.3	97.1	98.1	98.7	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.3	97.1	98.1	98.7	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 682

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.0	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 20000	43.1	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 18000	44.0	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 16000	44.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 14000	45.4	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 12000	46.3	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 10000	47.7	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 9000	48.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 8000	49.1	50.0	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 7000	49.1	50.0	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 6000	49.5	50.5	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 5000	49.5	50.5	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 4500	49.5	50.5	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 4000	50.9	51.9	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 3500	53.2	54.2	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 3000	60.6	61.6	62.5	62.5	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 2500	70.8	71.8	72.7	72.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 2000	79.6	80.6	81.5	81.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 1800	79.6	80.6	81.5	81.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 1500	87.5	88.9	90.7	91.2	92.6	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1200	87.5	88.9	90.7	91.7	93.1	93.1	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1000	88.4	89.8	91.7	93.5	95.8	95.8	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	88.9	90.3	92.1	94.0	96.3	96.3	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	88.9	90.3	92.1	94.0	96.3	96.3	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	88.9	90.3	92.1	94.0	96.3	96.3	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	88.9	90.3	92.1	94.0	96.3	96.3	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	88.9	90.3	92.1	94.0	96.3	96.3	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	88.9	90.3	92.1	94.0	96.3	96.3	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	88.9	90.3	92.1	94.0	96.3	96.3	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	88.9	90.3	92.1	94.0	96.3	96.3	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 100	88.9	90.3	92.1	94.0	96.3	96.3	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	100.0	100.0
GE 000	88.9	90.3	92.1	94.0	96.3	96.3	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 216



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 20000	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 18000	75.6	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 16000	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 14000	76.1	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 12000	76.8	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 10000	77.6	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 9000	78.0	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 8000	80.1	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 7000	80.2	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 6000	80.4	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 5000	80.8	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 4500	80.9	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 4000	81.6	82.1	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 3500	83.5	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 3000	88.4	89.0	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 2500	91.8	92.4	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 2000	94.6	95.3	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1800	94.6	95.3	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1500	96.3	97.1	97.6	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	96.5	97.3	97.8	98.1	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	96.7	97.5	98.0	98.5	99.0	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	96.7	97.5	98.1	98.6	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	96.8	97.6	98.2	98.7	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	96.8	97.6	98.2	98.7	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	96.8	97.6	98.2	98.7	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	96.8	97.6	98.2	98.7	99.4	99.4	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	96.8	97.6	98.2	98.7	99.4	99.4	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	96.8	97.6	98.2	98.7	99.4	99.4	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	96.8	97.6	98.2	98.7	99.4	99.4	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	96.8	97.6	98.2	98.7	99.4	99.4	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	96.8	97.6	98.2	98.7	99.4	99.4	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1966

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 20000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 18000	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 16000	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 14000	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 12000	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 10000	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 9000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 8000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 7000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 6000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 5000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 4500	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 4000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 3500	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 3000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 349

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 20000	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 18000	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 16000	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 14000	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 12000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 10000	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 9000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 8000	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 7000	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 6000	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 5000	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 4500	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 4000	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 3500	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 3000	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 2500	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 2000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1500	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 702

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 20000	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 18000	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 16000	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 14000	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 12000	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 10000	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 9000	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 8000	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 7000	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 6000	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 5000	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 4500	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 4000	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 3500	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 3000	83.9	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 2500	88.5	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 2000	93.7	93.9	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1800	94.5	94.6	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1500	97.5	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	97.9	98.2	98.2	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	98.2	98.5	98.5	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	98.2	98.5	98.5	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	98.2	98.5	98.5	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	98.2	98.5	98.5	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	98.2	98.5	98.5	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	98.2	98.5	98.5	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	98.2	98.5	98.5	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	98.2	98.5	98.5	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	98.2	98.5	98.5	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	98.2	98.5	98.5	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 000	98.2	98.5	98.5	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 671

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JUN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.2	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 20000	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 18000	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 16000	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 14000	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 12000	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 10000	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 9000	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 8000	56.3	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 7000	56.3	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 6000	56.3	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 5000	56.3	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 4500	56.3	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 4000	57.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 3500	59.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 3000	69.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 2500	78.8	79.8	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 2000	86.5	87.5	88.0	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1800	87.0	88.0	88.5	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1500	92.8	94.7	95.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1200	93.3	95.2	96.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	93.8	96.2	97.1	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	93.8	96.2	97.1	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	93.8	96.2	97.1	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	93.8	96.2	97.1	98.6	99.0	99.0	99.0	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	93.8	96.2	97.1	98.6	99.0	99.0	99.0	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	93.8	96.2	97.1	98.6	99.0	99.0	99.0	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	93.8	96.2	97.1	98.6	99.0	99.0	99.0	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	94.2	96.6	97.6	99.0	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.2	96.6	97.6	99.0	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.2	96.6	97.6	99.0	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.2	96.6	97.6	99.0	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 208

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE
NO CEIL	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 20000	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 18000	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 16000	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 14000	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 12000	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 10000	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 9000	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 8000	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 7000	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 6000	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 5000	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 4500	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 4000	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 3500	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 3000	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 2500	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 2000	96.2	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1800	96.6	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1500	98.3	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	98.5	98.8	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	98.7	99.0	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	98.7	99.0	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	98.7	99.0	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	98.7	99.0	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	98.7	99.0	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	98.7	99.0	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	98.7	99.0	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	98.7	99.1	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	98.7	99.1	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	98.7	99.1	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 000	98.7	99.1	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JUL HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	85.5	86.2	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 20000	90.8	91.4	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 18000	91.4	92.0	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 16000	91.7	92.3	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 14000	92.0	92.6	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 12000	93.2	93.8	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 10000	94.2	94.8	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 9000	94.5	95.1	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 8000	95.1	95.7	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 7000	95.4	96.0	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 6000	95.4	96.0	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 5000	95.7	96.3	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 4500	96.0	96.6	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 4000	96.3	96.9	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 3500	96.6	97.2	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 3000	96.9	97.5	98.5	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 2500	96.9	97.5	98.5	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 2000	97.2	97.8	98.8	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800	97.2	97.8	98.8	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500	97.5	98.2	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	97.5	98.2	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	97.5	98.2	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	97.5	98.2	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	97.5	98.2	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	97.5	98.2	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	97.5	98.2	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.5	98.2	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.5	98.2	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.5	98.2	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.5	98.2	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.5	98.2	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.5	98.2	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 325

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JUL HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 20000	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 18000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 16000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 14000	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 12000	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 10000	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 9000	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 8000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 7000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 6000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 5000	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 4500	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 4000	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 3500	96.6	96.6	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 3000	97.6	97.8	98.1	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2500	97.8	97.9	98.4	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2000	98.2	98.4	98.8	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1800	98.2	98.4	98.8	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500	98.4	98.5	99.0	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	98.4	98.5	99.0	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	98.5	98.7	99.1	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	98.5	98.8	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	98.5	98.8	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	98.5	98.8	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.5	98.8	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.5	98.8	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.5	98.8	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.5	98.8	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.5	98.8	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.5	98.8	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.5	98.8	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 678



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JUL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.0	59.3	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 20000	66.2	66.5	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 18000	67.2	67.5	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 16000	67.4	67.7	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 14000	68.1	68.4	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 12000	68.6	68.9	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 10000	70.1	70.4	70.7	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 9000	70.4	70.7	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 8000	71.2	71.6	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 7000	71.6	72.1	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 6000	72.2	72.7	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 5000	72.8	73.3	73.7	73.7	73.9	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 4500	72.8	73.4	73.9	73.9	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 4000	74.1	74.7	75.1	75.1	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 3500	75.4	76.0	76.5	76.6	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 3000	81.9	82.5	83.0	83.3	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 2500	86.6	87.3	87.9	88.2	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 2000	93.0	93.6	94.2	94.5	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1800	94.5	95.1	95.8	96.1	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1500	96.1	96.7	97.3	97.6	97.7	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	96.1	96.7	97.3	97.6	97.7	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	96.2	96.8	97.4	97.7	97.9	97.9	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	96.4	97.0	97.7	98.2	98.3	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	96.4	97.0	97.7	98.2	98.3	98.3	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	96.4	97.0	97.7	98.2	98.5	98.5	98.9	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	96.4	97.0	97.7	98.2	98.5	98.5	98.9	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	96.4	97.0	97.7	98.2	98.5	98.5	99.1	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	96.4	97.0	97.7	98.2	98.5	98.5	99.1	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	96.4	97.0	97.7	98.2	98.5	98.5	99.1	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	96.4	97.0	97.7	98.2	98.5	98.5	99.1	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	96.4	97.0	97.7	98.2	98.5	98.5	99.1	99.2	99.2	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	96.4	97.0	97.7	98.2	98.5	98.5	99.1	99.2	99.2	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 659

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.3	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 20000	50.5	51.0	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 18000	50.5	51.0	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 16000	51.0	51.4	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 14000	51.0	51.4	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 12000	51.9	52.4	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 10000	52.4	52.9	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 9000	52.4	52.9	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 8000	54.3	54.8	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 7000	54.8	55.7	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 6000	55.2	56.2	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 5000	55.7	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 4500	56.2	57.6	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 4000	58.1	59.5	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 3500	58.6	60.0	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 3000	62.9	64.3	64.8	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 2500	74.8	76.2	76.7	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 2000	84.3	85.7	86.2	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1800	86.7	88.1	88.6	89.0	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1500	91.4	92.9	93.8	94.3	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1200	91.9	93.3	95.2	95.7	96.2	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1000	92.9	94.3	96.2	96.7	97.1	97.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 900	92.9	94.3	96.2	96.7	97.1	97.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	92.9	94.3	96.2	96.7	97.1	97.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	92.9	94.3	96.2	96.7	97.1	97.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 600	92.9	94.3	96.2	96.7	97.1	97.1	98.1	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	92.9	94.3	96.2	96.7	97.1	97.1	98.1	98.1	98.1	98.6	98.6	98.6	99.0	99.0	99.0	99.0
GE 400	92.9	94.3	96.2	96.7	97.1	97.1	98.1	98.1	98.1	98.6	98.6	98.6	99.0	99.0	99.0	99.0
GE 300	92.9	94.3	96.2	96.7	97.1	97.1	98.1	98.1	98.1	98.6	99.0	99.0	99.5	99.5	99.5	99.5
GE 200	92.9	94.3	96.2	96.7	97.1	97.1	98.1	98.1	98.1	98.6	99.0	99.0	100.0	100.0	100.0	100.0
GE 100	92.9	94.3	96.2	96.7	97.1	97.1	98.1	98.1	98.1	98.6	99.0	99.0	100.0	100.0	100.0	100.0
GE 000	92.9	94.3	96.2	96.7	97.1	97.1	98.1	98.1	98.1	98.6	99.0	99.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 210

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JUL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	71.5	71.7	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 20000	77.8	78.0	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 18000	78.6	78.8	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 16000	78.7	79.0	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 14000	79.2	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 12000	79.9	80.2	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 10000	80.9	81.1	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 9000	81.3	81.5	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 8000	81.9	82.3	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 7000	82.5	82.9	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 6000	82.7	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 5000	83.1	83.5	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 4500	83.3	83.8	84.0	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 4000	84.1	84.6	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 3500	84.9	85.4	85.7	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 3000	88.1	88.6	89.1	89.3	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 2500	91.1	91.7	92.3	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 2000	94.7	95.2	95.8	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1800	95.5	96.0	96.6	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1500	96.6	97.2	97.8	98.1	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	96.7	97.2	98.0	98.2	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	96.9	97.4	98.2	98.5	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	97.0	97.5	98.3	98.7	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	97.0	97.5	98.3	98.7	99.1	99.1	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	97.0	97.5	98.3	98.7	99.1	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	97.0	97.5	98.3	98.7	99.1	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	97.0	97.5	98.3	98.7	99.1	99.1	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	97.0	97.5	98.3	98.7	99.1	99.1	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	97.0	97.5	98.3	98.7	99.1	99.1	99.5	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 200	97.0	97.5	98.3	98.7	99.1	99.1	99.5	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 100	97.0	97.5	98.3	98.7	99.1	99.1	99.5	99.5	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	97.0	97.5	98.3	98.7	99.1	99.1	99.5	99.5	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1872

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: AUG HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 20000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 18000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 16000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 14000	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 12000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 10000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 9000	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 8000	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 7000	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 6000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 5000	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 4500	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 4000	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 3500	98.8	98.8	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 3000	98.8	98.8	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 2500	99.1	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	99.1	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	99.1	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	99.1	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.1	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.1	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.1	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.1	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.1	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.1	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.1	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.1	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.1	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.1	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.1	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.1	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 325

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: AUG HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 20000	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 18000	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 16000	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 14000	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 12000	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 10000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 9000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 8000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 7000	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 6000	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 5000	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 4500	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 4000	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 3500	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 3000	98.6	98.6	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 2500	99.0	99.0	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 2000	99.3	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800	99.3	99.3	99.3	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1500	99.5	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.5	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.5	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.5	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.5	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.5	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.5	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.5	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.5	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.5	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.5	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.5	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.5	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 728

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: AUG HOURS: 12-14

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 20000	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 18000	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 16000	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 14000	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 12000	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 10000	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 9000	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 8000	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 7000	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 6000	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 5000	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 4500	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 4000	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 3500	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 3000	85.7	85.7	86.1	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 2500	90.1	90.1	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2000	94.9	95.2	96.0	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1800	95.6	95.9	96.7	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1500	97.2	97.4	98.4	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	97.2	97.4	98.4	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	97.2	97.4	98.6	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	97.2	97.4	98.6	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	97.2	97.4	98.6	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	97.2	97.4	98.6	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	97.2	97.4	98.6	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	97.2	97.4	98.6	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	97.2	97.4	98.6	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	97.2	97.4	98.6	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	97.2	97.4	98.6	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	97.2	97.4	98.6	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 000	97.2	97.4	98.6	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 705

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATIONNAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: AUG HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.9	49.3	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 20000	52.9	53.4	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 18000	53.8	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 16000	53.8	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 14000	54.3	54.7	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 12000	54.7	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 10000	55.6	56.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 9000	55.6	56.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 8000	56.5	57.0	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 7000	57.0	57.4	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 6000	58.3	58.7	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 5000	59.2	59.6	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 4500	59.2	59.6	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 4000	59.2	59.6	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 3500	61.9	62.3	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 3000	72.6	73.1	74.0	74.0	74.0	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 2500	78.9	79.4	80.7	80.7	80.7	80.7	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 2000	88.3	88.8	90.1	90.1	90.1	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1800	88.8	89.2	90.6	90.6	90.6	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1500	92.8	93.7	95.1	95.5	95.5	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1200	92.8	93.7	95.1	96.4	96.4	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1000	93.7	94.6	96.0	97.3	97.3	97.3	98.2	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	93.7	94.6	96.0	97.3	97.3	97.3	98.2	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	93.7	94.6	96.0	97.3	97.3	97.3	98.2	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	93.7	94.6	96.0	97.3	97.3	97.3	98.2	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	93.7	94.6	96.0	97.3	97.3	97.3	98.2	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	93.7	94.6	96.0	97.3	97.3	97.3	98.2	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 400	93.7	94.6	96.0	97.3	97.3	97.3	98.2	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 300	93.7	94.6	96.0	97.3	97.3	97.3	98.2	98.2	98.2	98.7	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	93.7	94.6	96.0	97.3	97.3	97.3	98.2	98.2	98.2	98.7	99.1	99.1	99.1	99.1	99.1	99.1
GE 100	93.7	94.6	96.0	97.3	97.3	97.3	98.2	98.2	98.2	98.7	99.1	99.1	99.1	99.1	99.1	99.1
GE 000	93.7	94.6	96.0	97.3	97.3	97.3	98.2	98.2	98.2	98.7	99.1	99.1	99.1	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 223

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 20000	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 18000	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 16000	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 14000	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 12000	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 10000	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 9000	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 8000	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 7000	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 6000	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 5000	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 4500	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 4000	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 3500	86.6	86.7	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 3000	91.1	91.2	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 2500	93.6	93.6	94.0	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 2000	96.5	96.6	97.1	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1800	96.8	96.9	97.4	97.5	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1500	97.8	98.0	98.6	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	97.8	98.0	98.6	98.9	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	97.9	98.1	98.7	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	97.9	98.1	98.7	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	97.9	98.1	98.7	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	97.9	98.1	98.7	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	97.9	98.1	98.7	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	97.9	98.1	98.7	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	97.9	98.1	98.7	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	97.9	98.1	98.7	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	97.9	98.1	98.7	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	97.9	98.1	98.7	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 000	97.9	98.1	98.7	99.1	99.5	9.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1981



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: SEP HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	85.0	85.0	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 20000	90.2	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 18000	91.2	91.5	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 16000	91.5	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 14000	93.2	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 12000	94.1	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 10000	95.1	95.4	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 9000	95.4	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 8000	96.1	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 7000	97.1	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 6000	97.4	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 5000	98.0	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 4500	98.0	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 4000	98.4	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 3500	98.7	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 3000	98.7	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2500	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2000	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 307

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	80.3	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 20000	87.5	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 18000	88.0	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 16000	88.6	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 14000	89.2	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 12000	90.4	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 10000	92.0	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 9000	92.6	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 8000	93.6	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 7000	94.5	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 6000	94.9	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 5000	95.0	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 4500	95.0	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 4000	95.3	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 3500	95.6	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 3000	98.0	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2500	98.1	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2000	98.8	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1800	98.8	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 686

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: SEP HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.2	52.2	52.3	52.3	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 20000	58.5	58.5	58.6	58.8	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 18000	58.9	58.9	59.1	59.2	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 16000	59.1	59.1	59.2	59.4	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 14000	60.1	60.1	60.3	60.4	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 12000	60.9	60.9	61.0	61.2	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 10000	62.5	62.5	62.7	62.8	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 9000	63.0	63.0	63.1	63.3	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 8000	64.0	64.0	64.2	64.3	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 7000	64.6	64.6	64.8	64.9	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 6000	65.2	65.2	65.4	65.5	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 5000	66.0	66.0	66.1	66.3	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 4500	66.4	66.4	66.6	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 4000	68.1	68.1	68.2	68.4	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 3500	71.2	71.2	71.4	71.5	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 3000	81.9	81.9	82.0	82.2	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 2500	85.3	85.3	85.6	85.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 2000	91.5	91.9	92.2	92.4	92.5	92.7	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1800	92.4	92.8	93.1	93.3	93.6	93.9	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1500	95.2	95.7	96.6	96.9	97.5	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	96.0	96.4	97.3	97.6	98.2	98.7	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	96.0	96.4	97.3	97.6	98.2	98.7	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	96.1	96.6	97.5	97.8	98.4	99.0	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	96.1	96.6	97.5	97.8	98.4	99.0	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	96.4	96.9	97.8	98.1	98.7	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	96.4	96.9	97.8	98.1	98.7	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	96.4	96.9	97.8	98.1	98.7	99.3	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	96.4	96.9	97.8	98.1	98.7	99.3	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	96.4	96.9	97.8	98.1	98.7	99.3	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	96.4	96.9	97.8	98.1	98.7	99.3	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	96.4	96.9	97.8	98.1	98.7	99.3	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	96.4	96.9	97.8	98.1	98.7	99.3	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 667

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: M Y 80 - APR 90  
MONTH: SP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.9	36.4	36.8	36.8	36.8	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 20000	43.1	43.5	44.0	44.0	44.0	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 18000	44.0	44.5	45.0	45.0	45.0	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 16000	44.0	44.5	45.0	45.0	45.0	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 14000	45.0	45.5	45.9	45.9	45.9	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 12000	45.5	45.9	46.4	46.4	46.4	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 10000	45.9	46.4	46.9	46.9	46.9	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 9000	45.9	46.4	46.9	46.9	46.9	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 8000	47.4	47.8	48.3	48.3	48.3	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 7000	47.4	47.8	48.3	48.3	48.3	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 6000	47.8	48.3	48.8	48.8	48.8	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 5000	48.3	48.8	49.3	49.3	49.3	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 4500	48.8	49.3	49.8	49.8	49.8	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 4000	51.2	51.7	52.2	52.2	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 3500	54.1	54.5	55.0	55.0	55.0	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 3000	65.6	66.5	67.0	67.0	67.0	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 2500	74.6	76.1	76.6	76.6	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 2000	84.2	85.6	86.1	87.1	87.1	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1800	85.2	86.6	87.1	88.0	88.0	88.5	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1500	90.0	91.4	91.9	93.3	93.3	94.3	94.7	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1200	90.9	92.3	92.8	94.3	94.3	95.2	95.7	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1000	91.4	92.8	93.8	95.2	95.2	96.2	96.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 900	91.9	93.3	94.3	95.7	95.7	96.7	97.1	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 800	92.8	94.3	95.7	97.6	97.6	98.6	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	92.8	94.3	95.7	97.6	97.6	98.6	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	92.8	94.3	95.7	97.6	97.6	98.6	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	92.8	94.3	95.7	97.6	97.6	98.6	99.0	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	92.8	94.3	95.7	97.6	97.6	98.6	99.0	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	92.8	94.3	95.7	97.6	97.6	98.6	99.0	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.8	94.3	95.7	97.6	97.6	98.6	99.0	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.8	94.3	95.7	97.6	97.6	98.6	99.0	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	92.8	94.3	95.7	97.6	97.6	98.6	99.0	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 209

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: SEP HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.1	66.2	66.3	66.3	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 20000	72.6	72.8	72.9	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 18000	73.2	73.5	73.6	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 16000	73.6	73.8	73.9	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 14000	74.5	74.7	74.9	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 12000	75.4	75.7	75.8	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 10000	76.8	77.0	77.2	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 9000	77.3	77.5	77.6	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 8000	78.3	78.5	78.6	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 7000	79.0	79.2	79.3	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 6000	79.5	79.7	79.8	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 5000	79.9	80.1	80.3	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 4500	80.1	80.4	80.5	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 4000	81.2	81.4	81.5	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 3500	82.8	83.1	83.2	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 3000	88.7	89.1	89.2	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 2500	91.1	91.5	91.7	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 2000	94.6	95.2	95.3	95.6	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1800	95.0	95.6	95.8	96.0	96.1	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1500	96.7	97.3	97.7	98.0	98.3	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	97.1	97.7	98.1	98.4	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	97.2	97.8	98.2	98.5	98.8	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	97.3	97.9	98.3	98.7	98.9	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	97.4	98.0	98.5	98.9	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	97.5	98.1	98.6	99.0	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	97.5	98.1	98.6	99.0	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	97.5	98.1	98.6	99.0	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	97.5	98.1	98.6	99.0	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	97.5	98.1	98.6	99.0	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	97.5	98.1	98.6	99.0	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	97.5	98.1	98.6	99.0	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	97.5	98.1	98.6	99.0	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1869

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: OCT HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 20000	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 18000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 16000	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 14000	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 12000	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 10000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 9000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 8000	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 7000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 6000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 5000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 4500	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 4000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 3500	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 3000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 2500	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 312

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: OCT HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 20000	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 18000	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 16000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 14000	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 12000	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 10000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 9000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 8000	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 7000	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 6000	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 5000	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 4500	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 4000	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 3500	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 3000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2500	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2000	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1800	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 709

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: OCT HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 20000	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 18000	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 16000	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 14000	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 12000	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 10000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 9000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 8000	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 7000	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 6000	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 5000	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 4500	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 4000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 3500	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 3000	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 2500	89.7	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 2000	96.5	96.5	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1800	97.3	97.3	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1500	98.6	98.6	98.7	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	98.6	98.6	98.7	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	98.6	98.6	98.7	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	98.6	98.6	98.7	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	98.6	98.6	98.7	99.1	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	98.6	98.6	98.8	99.3	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	98.6	98.6	98.8	99.3	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	98.6	98.6	98.8	99.3	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	98.6	98.6	98.8	99.3	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	98.6	98.6	98.8	99.3	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 200	98.6	98.6	98.8	99.3	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	98.6	98.6	98.8	99.3	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	98.6	98.6	98.8	99.3	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 691



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: OCT HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 20000	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 18000	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 16000	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 14000	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 12000	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 10000	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 9000	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 8000	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 7000	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 6000	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 5000	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 4500	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 4000	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 3500	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 3000	75.9	75.9	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 2500	81.5	81.5	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 2000	90.3	90.7	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1800	91.7	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1500	93.5	94.4	94.9	95.4	95.8	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1200	94.9	95.8	96.3	96.8	97.2	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	94.9	95.8	96.3	96.8	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 900	94.9	95.8	96.3	96.8	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	94.9	95.8	96.8	97.2	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	94.9	95.8	96.8	97.2	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	94.9	95.8	96.8	97.2	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	94.9	95.8	96.8	97.2	98.1	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	94.9	95.8	96.8	97.2	98.1	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	94.9	95.8	96.8	97.2	98.1	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	94.9	95.8	96.8	97.2	98.1	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0
GE 100	94.9	95.8	96.8	97.2	98.1	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0
GE 000	94.9	95.8	96.8	97.2	98.1	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 216

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 20000	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 18000	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 16000	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 14000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 12000	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 10000	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 9000	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 8000	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 7000	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 6000	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 5000	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 4500	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 4000	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 3500	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 3000	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 2500	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 2000	97.5	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1800	97.9	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1500	98.5	98.8	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	98.7	99.0	99.1	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	98.7	99.0	99.1	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	98.7	99.0	99.1	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	98.7	99.0	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	98.7	99.0	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	98.7	99.0	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	98.7	99.0	99.2	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	98.7	99.0	99.2	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	98.7	99.0	99.2	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	98.7	99.0	99.2	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	98.7	99.0	99.2	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	98.7	99.0	99.2	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1928

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: NOV HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 20000	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 18000	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 16000	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 14000	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 12000	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 10000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 9000	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 8000	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 7000	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 6000	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 5000	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 4500	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 4000	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 3500	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 3000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2500	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1800	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 200	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.2	99.6
GE 100	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.2	100.0
GE 000	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 245

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: NOV HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 20000	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 18000	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 16000	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 14000	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 12000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 10000	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 9000	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 8000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 7000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 6000	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 5000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 4500	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 4000	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 3500	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 3000	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2500	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2000	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1800	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
GE 100	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
GE 000	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 567

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: NOV HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.6	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 20000	78.5	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 18000	79.8	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 16000	80.4	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 14000	81.3	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 12000	81.9	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 10000	84.2	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 9000	85.5	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 8000	87.0	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 7000	87.2	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 6000	87.2	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 5000	87.4	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 4500	87.6	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 4000	89.3	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 3500	89.9	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 3000	92.4	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 2500	93.5	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 2000	96.4	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1800	97.3	97.7	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1500	98.7	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	98.7	99.0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	98.7	99.0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	98.7	99.0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	98.7	99.0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	98.7	99.0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.7	99.0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.7	99.0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.7	99.0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.7	99.0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.7	99.0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.7	99.0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.7	99.0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 525

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 20000	65.6	65.6	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 18000	67.5	67.5	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 16000	68.8	68.8	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 14000	68.8	68.8	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 12000	69.4	69.4	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 10000	70.7	70.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 9000	70.7	70.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 8000	72.6	72.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 7000	72.6	72.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 6000	72.6	72.6	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 5000	73.2	73.2	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 4500	73.2	73.2	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 4000	76.4	76.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 3500	76.4	76.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 3000	81.5	81.5	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 2500	84.7	84.7	87.9	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 2000	89.8	89.8	93.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1800	92.4	92.4	95.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1500	92.4	92.4	95.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1200	94.3	94.3	97.5	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	94.3	94.9	98.1	98.7	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	94.3	94.9	98.1	98.7	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	94.3	94.9	98.1	98.7	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	94.3	94.9	98.1	98.7	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	94.3	94.9	98.1	98.7	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	94.3	94.9	98.1	98.7	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	94.3	94.9	98.1	98.7	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.3	94.9	98.1	98.7	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.3	94.9	98.1	98.7	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.3	94.9	98.1	98.7	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.3	94.9	98.1	98.7	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 157

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: NOV HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 20000	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 18000	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 16000	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 14000	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 12000	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 10000	87.0	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 9000	88.2	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 8000	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 7000	89.5	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 6000	89.8	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 5000	90.4	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 4500	90.7	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 4000	91.7	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 3500	92.3	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 3000	94.1	94.2	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2500	95.0	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2000	96.9	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1800	97.6	97.7	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1500	98.3	98.5	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	98.5	98.7	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	98.5	98.7	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	98.5	98.7	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	98.5	98.7	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	98.5	98.7	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	98.5	98.7	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	98.5	98.7	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	98.5	98.7	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	98.5	98.7	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	98.5	98.7	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9
GE 100	98.5	98.7	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0
GE 000	98.5	98.7	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1494

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 20000	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 18000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 16000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 14000	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 12000	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 10000	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 9000	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 8000	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 7000	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 6000	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 5000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 4500	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 4000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 3500	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 3000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2500	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2000	96.6	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1800	96.6	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1500	97.1	97.1	97.5	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1200	97.1	97.1	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	97.1	97.1	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	97.1	97.1	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	97.1	97.1	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	97.1	97.1	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	97.1	97.1	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	97.1	97.1	97.9	97.9	98.3	98.3	98.7	98.7	98.7	98.7	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	97.1	97.1	97.9	97.9	98.3	98.3	98.7	98.7	98.7	98.7	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	97.1	97.1	97.9	97.9	98.3	98.3	98.7	98.7	98.7	98.7	99.2	99.2	99.2	99.2	99.2	99.6
GE 200	97.1	97.1	97.9	97.9	98.3	98.3	98.7	98.7	98.7	98.7	99.2	99.2	99.2	99.2	99.2	99.6
GE 100	97.1	97.1	97.9	97.9	98.3	98.3	98.7	98.7	98.7	98.7	99.2	99.2	99.2	99.6	99.6	100.0
GE 000	97.1	97.1	97.9	97.9	98.3	98.3	98.7	98.7	98.7	98.7	99.2	99.2	99.2	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 238



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: DEC HOURS: 09-11

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 20000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 18000	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 16000	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 14000	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 12000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 10000	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 9000	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 8000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 7000	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 6000	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 5000	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 4500	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 4000	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 3500	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 3000	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2500	97.9	97.9	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 2000	97.9	97.9	98.4	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1800	97.9	97.9	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	98.2	98.2	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1200	98.2	98.2	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	98.2	98.2	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	98.2	98.2	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	98.2	98.2	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	98.2	98.2	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	98.2	98.2	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	98.2	98.2	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	98.2	98.2	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
GE 300	98.2	98.2	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8
GE 200	98.2	98.2	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8
GE 100	98.2	98.2	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.8	99.8	100.0
GE 000	98.2	98.2	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 564

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 20000	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 18000	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 16000	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 14000	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 12000	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 10000	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 9000	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 8000	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 7000	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 6000	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 5000	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 4500	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 4000	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 3500	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 3000	95.3	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2500	96.2	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2000	96.8	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1800	96.8	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1500	98.1	98.3	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	98.5	98.7	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	98.9	99.1	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	98.9	99.1	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	98.9	99.1	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	98.9	99.1	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	98.9	99.1	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	98.9	99.1	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.9	99.1	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.9	99.1	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.9	99.1	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.9	99.1	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.9	99.1	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 527

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: DEC HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 20000	72.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 18000	72.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 16000	74.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 14000	74.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 12000	76.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 10000	77.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 9000	77.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 8000	77.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 7000	77.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 6000	79.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 5000	80.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 4500	81.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 4000	83.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 3500	84.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 3000	89.0	90.3	90.9	90.9	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 2500	89.6	90.9	91.6	91.6	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 2000	91.6	92.9	93.5	93.5	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1800	92.2	93.5	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1500	93.5	94.8	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1200	93.5	94.8	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1000	94.8	96.1	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	94.8	96.1	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	94.8	96.1	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	94.8	96.1	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	94.8	96.1	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	94.8	96.1	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	94.8	96.1	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	94.8	96.1	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	94.8	96.1	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0
GE 100	94.8	96.1	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0
GE 000	94.8	96.1	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 154

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: DEC HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 20000	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 18000	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 16000	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 14000	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 12000	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 10000	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 9000	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 8000	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 7000	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 6000	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 5000	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 4500	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 4000	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 3500	94.5	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 3000	95.8	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2500	96.2	96.4	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2000	96.6	96.8	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1800	96.7	96.9	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	97.5	97.7	98.2	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	97.6	97.8	98.4	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	97.9	98.1	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	97.9	98.1	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	97.9	98.1	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	97.9	98.1	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	97.9	98.1	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	97.9	98.1	98.8	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	97.9	98.1	98.8	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7
GE 300	97.9	98.1	98.8	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.8
GE 200	97.9	98.1	98.8	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.9
GE 100	97.9	98.1	98.8	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.9	100.0
GE 000	97.9	98.1	98.8	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1483

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	71.0	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 20000	78.4	78.7	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 18000	79.4	79.7	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 16000	79.7	79.9	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 14000	80.5	80.8	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 12000	81.4	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 10000	82.6	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 9000	82.9	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 8000	84.0	84.3	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 7000	84.5	84.8	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2
GE 6000	84.9	85.2	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 5000	85.3	85.6	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 4500	85.4	85.7	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 4000	86.3	86.6	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 3500	87.4	87.7	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 3000	90.9	91.3	91.7	91.8	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 2500	92.7	93.1	93.6	93.7	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2000	95.1	95.6	96.1	96.4	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1800	95.4	95.9	96.4	96.7	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1500	96.6	97.2	97.8	98.2	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	96.7	97.3	98.0	98.4	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	96.8	97.4	98.2	98.6	99.0	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	96.9	97.5	98.2	98.6	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	96.9	97.5	98.3	98.7	99.1	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	96.9	97.5	98.3	98.7	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	96.9	97.5	98.3	98.7	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	96.9	97.5	98.3	98.7	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	96.9	97.5	98.3	98.7	99.2	99.3	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	96.9	97.6	98.3	98.7	99.2	99.3	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	96.9	97.6	98.3	98.7	99.2	99.3	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9
GE 100	96.9	97.6	98.3	98.7	99.2	99.3	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0
GE 000	96.9	97.6	98.3	98.7	99.2	99.3	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 21410

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JAN HOURS:ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02								0
03-05								0
06-08	22.1	54.5	16.9	5.5	1.0	23.4	8.1	308
09-11	18.6	60.5	15.7	5.1		20.9	5.6	661
12-14	3.9	69.7	18.8	7.4	.2	26.3	6.0	634
15-17	.5	67.2	23.6	8.2	.5	32.3	5.1	195
18-20								0
21-23								0
ALL HOURS	12.1	63.5	17.9	6.3	.3	24.5	6.1	1798

MONTH: FEB HOURS: ALL

00-02								0
03-05								0
06-08	19.3	56.6	15.3	8.4	.4	24.1	2.8	249
09-11	16.6	62.0	14.7	6.6	.2	21.4	2.2	579
12-14	2.6	65.1	23.4	8.2	.7	32.3	1.6	548
15-17		59.1	27.8	13.1		40.9	3.4	176
18-20								0
21-23								0
ALL HOURS	10.2	61.9	19.3	8.2	.4	27.9	2.3	1552

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAR HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02								0
03-05								0
06-08	21.9	52.8	15.3	9.7	.3	25.3	4.5	288
09-11	12.1	63.2	15.4	9.2	.2	24.7	3.8	663
12-14	1.4	63.9	23.4	11.2	.2	34.7	5.1	645
15-17		52.8	35.4	11.8		47.2	9.7	195
18-20								0
21-23								0
ALL HOURS	8.5	60.6	20.4	10.3	.2	30.9	5.0	1791

MONTH: APR HOURS: ALL

00-02								0
03-05								0
06-08	9.2	51.7	17.5	21.6		39.0	2.7	292
09-11	2.5	59.8	22.0	15.6	.2	37.8	2.5	649
12-14	.2	44.0	33.3	22.4	.2	55.9	4.5	621
15-17		33.0	39.4	27.1	.5	67.0	7.4	188
18-20								0
21-23								0
ALL HOURS	2.5	49.9	27.1	20.2	.2	47.5	3.8	1750

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAY HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST			
00-02							0
03-05							0
06-08	4.6	65.8	20.7	8.9	29.6	2.6	348
09-11	1.0	67.6	22.6	8.8	31.4	1.4	720
12-14		49.1	39.1	11.7	50.9	2.5	682
15-17		35.2	47.7	16.2	.9	64.8	216
18-20							0
21-23							0
ALL HOURS	1.2	57.3	30.8	10.6	.1	41.5	1966

MONTH: JUN HOURS: ALL

00-02							0
03-05							0
06-08	9.2	67.0	18.1	5.7	23.8	1.7	349
09-11	2.1	70.7	20.5	6.7	27.2	.7	702
12-14		54.2	38.5	7.1	.1	45.8	672
15-17		40.4	51.0	8.7	59.6	3.8	208
18-20							0
21-23							0
ALL HOURS	2.4	61.0	29.6	6.9	.1	36.6	1931



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JUL HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBS	GT 1/2	PARTIAL OBS	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02								0
03-05								0
06-08	9.2	67.4	20.0	3.1	.3	23.4	2.5	325
09-11	1.6	73.7	21.1	3.4	.1	24.6	.7	678
12-14	.2	53.0	40.6	5.9	.3	46.8	2.9	660
15-17		38.1	53.3	7.1	1.4	61.9	1.9	210
18-20								0
21-23								0
ALL HOURS	2.2	61.3	31.4	4.6	.4	36.4	1.9	1873

MONTH: AUG HOURS: ALL

00-02								0
03-05								0
06-08	16.0	65.8	13.5	4.6		18.2	1.5	325
09-11	5.4	73.4	17.3	4.0		21.3	1.1	728
12-14		59.7	34.0	6.0	.3	40.3	3.0	705
15-17		44.8	44.4	9.9	.9	55.2	4.5	223
18-20								0
21-23								0
ALL HOURS	4.6	64.1	25.7	5.5	.2	31.3	2.2	1981

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: SEP HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02								0
03-05								0
06-08	10.1	66.1	17.9	5.9		23.8	3.9	307
09-11	1.5	68.8	23.5	6.3		29.7	3.6	686
12-14		46.9	43.6	9.3	.1	53.1	4.5	667
15-17		34.4	54.1	11.0	.5	65.6	5.3	209
18-20								0
21-23								0
ALL HOURS	2.2	56.7	33.2	7.8	.1	41.1	4.2	1869

MONTH: OCT HOURS: ALL

00-02								0
03-05								0
06-08	10.9	61.2	19.9	8.0		27.9	1.9	312
09-11	5.1	60.8	26.5	7.6		34.1	.7	710
12-14		48.5	39.5	11.9	.1	51.5	.9	691
15-17		37.0	48.1	13.4	1.4	63.0	1.4	216
18-20								0
21-23								0
ALL HOURS	3.6	53.8	32.5	9.8	.2	42.6	1.0	1929

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: NOV HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				GT 1/2	PARIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST			
00-02							0
03-05							0
06-08	17.6	55.9	20.0	6.5	26.5	6.1	245
09-11	11.8	57.0	24.2	7.1	31.2	2.8	567
12-14	.4	61.5	30.7	7.4	38.1	1.5	525
15-17		49.7	38.9	11.5	50.3	3.8	157
18-20							0
21-23							0
ALL HOURS	7.5	57.6	27.3	7.6	34.9	3.0	1494

MONTH: DEC HOURS: ALL

00-02							0
03-05							0
06-08	29.4	51.7	13.9	4.6	.4	18.9	238
09-11	21.3	58.9	14.4	5.3	.2	19.9	564
12-14	2.5	73.1	19.4	4.9	.2	24.5	527
15-17	.6	66.9	25.3	6.5	.6	32.5	154
18-20							0
21-23							0
ALL HOURS	13.8	63.6	17.2	5.2	.3	22.7	1483

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: ALL HOURS: ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
					TOTAL	OBSCURATION			
00-02									0
03-05									0
06-08	14.3	60.3	17.5	7.7	.2	25.4	3.8	3586	
09-11	7.8	65.0	19.9	7.1	.1	27.1	2.4	7907	
12-14	.9	56.9	32.5	9.5	.2	42.3	3.2	7577	
15-17	.1	45.7	41.5	12.1	.6	54.2	4.3	2347	
18-20								0	
21-23								0	
ALL HOURS	5.6	59.2	26.4	8.6	.2	35.2	3.1	21417	

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPP	AA AA	RRRRRRRR	TT	EEEEEE
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	EEEEEE
PP	AAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE

## PART E

### TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

#### TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

#### MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

#### MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

#### DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, DEW POINT TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

SPECIAL CAVEAT: DURING PART TIME PERIODS, THESE SUMMARIES REPRESENT THE "HIGH" AND "LOW" TEMPERATURES RECORDED AND NOT NECESSARILY THE ACTUAL MAXIMUM AND MINIMUM VALUES. THESE SUMMARIES ARE INFLUENCED BY THE ABSENCE OF NIGHTTIME TEMPERATURE READINGS. THEREFORE, CERTAIN SUMMARIES MAY DEPICT A SLIGHT "WARM" BIAS.

TEMPERATURE CONVERSIONS:  $F = 1.8C + 32$

$C = K - 273.0$  (BEFORE 5 APRIL 77)

$C = K - 273.2$  (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED. THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: 7908-9004  
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 80					.4	1.8	3.8	4.5	1.6	.4		1.0	1.2
GE 75	3.9	1.0	.4	2.5	2.5	17.8	27.8	26.7	23.3	8.6	7.9	3.5	10.7
GE 70	23.6	15.5	31.5	25.3	39.1	67.1	76.6	85.7	73.1	63.5	58.4	26.6	49.7
GE 65	69.5	67.0	73.5	78.4	88.9	93.6	98.6	98.9	98.4	95.9	92.1	77.4	86.5
GE 60	93.6	93.5	94.5	96.3	98.4	99.1	100.0	99.6	100.0	99.6	98.1	96.0	97.5
GE 55	99.1	99.0	99.2	99.6	99.6	100.0		100.0		99.6	100.0	100.0	99.7
GE 50	100.0	100.0	99.6	100.0	99.6					100.0			99.9
GE 45			100.0		99.6								100.0
GE 40					100.0								100.0
MEAN	66.5	65.8	66.8	67.1	68.6	70.9	72.4	72.7	71.9	70.4	69.8	67.4	69.3
SD	4.21	3.92	4.37	3.85	3.94	4.05	3.74	3.77	3.57	3.29	3.81	4.44	4.56
TOTAL OBS	233	200	238	241	243	219	209	266	249	266	214	199	2777



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: 7908-9004  
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 75							.5						.0
GE 70							1.0		.4				.1
GE 65							1.0	2.6	.8	.8			.5
GE 60		1.0		.4	.4	2.3	6.7	5.6	4.0	2.3	4.3	.5	2.3
GE 55	.4	2.0	4.7	5.9	5.3	7.9	16.3	14.2	8.8	10.2	16.7	6.5	8.3
GE 50	11.2	7.5	15.7	17.8	13.2	20.5	32.5	29.2	24.1	19.9	28.1	17.0	19.8
GE 45	23.6	19.6	27.7	32.6	32.9	34.4	53.1	52.4	46.6	48.5	51.4	33.5	38.4
GE 40	47.6	41.7	46.8	60.6	67.9	71.2	85.6	83.9	86.7	90.2	83.3	55.0	69.1
GE 35	78.5	71.9	81.7	92.4	98.8	97.7	99.0	99.6	100.0	99.6	98.6	89.0	92.6
GE 33	88.4	83.4	94.9	96.6	100.0	100.0	100.0	100.0		100.0	100.0	95.0	96.7
GE 30	97.0	95.0	99.6	100.0								99.0	99.3
GE 25	99.6	100.0	100.0									100.0	100.0
GE 20	100.0												100.0
MEAN	39.8	39.2	40.7	42.5	42.9	43.7	46.6	46.5	45.5	45.5	45.9	42.0	43.5
SD	6.43	6.79	6.91	6.67	5.67	6.39	7.64	7.09	6.20	5.91	6.89	6.88	7.07
TOTAL OBS	233	199	235	236	243	215	209	267	249	266	210	200	2762

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: 7908-9004  
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 75							.5	.4					.1
GE 70						.5	2.4	1.1	.8				.4
GE 65		1.0	.9	2.1	1.2	7.4	14.8	13.5	8.8	4.5	5.2	1.5	5.2
GE 60	6.9	4.0	9.4	14.4	15.2	28.8	47.8	47.7	41.8	29.3	31.0	13.3	24.6
GE 55	39.9	28.6	39.1	50.0	65.8	78.6	89.5	93.2	92.0	90.2	84.8	53.8	68.1
GE 50	82.8	82.4	88.5	93.2	96.7	98.6	100.0	100.0	100.0	100.0	99.5	89.7	94.6
GE 45	98.7	99.5	99.6	100.0	99.6	99.5					100.0	99.0	99.7
GE 40	100.0	100.0	100.0		100.0	100.0						100.0	100.0
MEAN	53.4	52.7	53.9	55.0	56.0	57.5	59.7	59.8	58.9	58.2	58.1	54.9	56.6
SD	3.93	3.79	3.90	3.98	3.67	4.21	4.52	4.05	3.68	3.29	3.66	4.27	4.57
TOTAL OBS	233	199	235	236	243	215	209	266	249	266	210	195	2756

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: 7908-9004  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
79								76*	82*	72*	75*	80*	82*
80	78*	70*	68*	73*	74*			75*	76*	75*	79*	72*	79*
81	72*		73*	75	75*	80*	79*	80*	78*	77*	75*	73*	80*
82	69*	75*	66*	72*	70*	73*	76*	75*	78	72*	75*	71*	78*
83	77*	74*	72*	71*	74*	77*	75*	77*	76	72*	78*	75*	78*
84	70*	72*	74*	74*	72	76	74*	75	75	77*	73*	72*	77*
85	69*	71*	65*	65*	72*	73*	72*	79*	75*	75	70*	72*	79*
86	76*	77*	74*	72*	74	77*	80*	81*	78*	75	75*	78*	81*
87	74*	71*	72*	77*	73*	83*	81*	84*	77*	80*	76*	77*	84*
88	74*	71*	74*	74*	80*	82	82*	81*	78*	76*	78*	71*	82*
89	69*	71*	73*	71*	73*	75*	83*	79*	77*	76*	75*	71*	83*
90	75*	72*	79*	75*									79*
GREATEST	78	77	79	77	80	83	83	84	82	80	79	80	84
TOTAL OBS	233	200	238	241	243	219	209	266	249	266	214	199	2777

THE GREATEST VALUE OF 84 OCCURRED ON 08/24/87

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: 7908-9004  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
79								44*	38*	43*	40*	32*	32*
80	27*	32*	34*	39*	38*			35*	38*	37*	33*	33*	27*
81	37*		29*	33	35*	37*	35*	39*	37*	39*	42*	34*	29*
82	37*	33*	36*	43*	37*	46*	49*	49*	46	41*	44*	42*	33*
83	24*	27*	32*	32*	35*	35*	33*	37*	37	35*	36*	32*	24*
84	31*	29*	30*	34*	35	34	36*	34	37	36*	38*	27*	27*
85	28*	31*	30*	32*	33*	33*	34*	39*	36*	34	37*	34*	28*
86	28*	29*	35*	35*	39	40*	40*	42*	42*	36	35*	34*	28*
87	31*	30*	30*	31*	36*	40*	39*	39*	44*	41*	37*	36*	30*
88	33*	33*	31*	34*	36*	39	37*	37*	38*	39*	37*	34*	31*
89	31*	30*	34*	32*	34*	37*	38*	37*	36*	40*	35*	29*	29*
90	33*	28*	31*	34*									28*
.....													
LEAST	24	27	29	31	33	33	33	34	36	34	33	27	24
.....													
TOTAL OBS	233	199	235	236	243	215	209	267	249	266	210	200	2762
.....													

THE LEAST VALUE OF 24 OCCURRED ON 01/18/83

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: 7908-9004  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
79								62*	60*	60*	57*	56*	59*
80	53*	54*	55*	59*	58*			57*	61*	59*	58*	54*	57*
81	55*		54*	56	57*	60*	59*	61*	60*	58*	58*	56*	58*
82	55*	55*	54*	57*	55*	61*	63*	63*	61	57*	62*	58*	58*
83	54*	51*	53*	54*	55*	56*	59*	58*	56	56*	57*	53*	55*
84	54*	53*	55*	57*	55	55	57*	56	55	57*	56*	51*	55*
85	48*	51*	50*	50*	53*	53*	55*	58*	57*	59	60*	57*	54*
86	54*	54*	57*	56*	58	59*	63*	64*	63*	59	60*	57*	59*
87	52*	51*	53*	53*	55*	59*	60*	62*	61*	58*	57*	56*	57*
88	54*	53*	54*	54*	58*	60	60*	59*	59*	59*	58*	55*	57*
89	53*	54*	57*	55*	57*	56*	61*	58*	56*	60*	55*	51*	56*
90	55*	52*	53*	56*									54*
MEAN	53.4	52.7	53.9	55.0	56.0	57.5	59.7	59.8	58.9	58.2	58.1	54.9	56.6
TOTAL OBS	233	199	235	236	243	215	209	266	249	266	210	195	2756

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	48.2	5.265	308	0	0	0	0	0	308
09-11	60.2	5.071	660	0	0	127	0	0	660
12-14	64.1	4.153	634	0	0	294	0	0	634
15-17	62.8	4.077	195	0	0	64	0	0	195
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	59.8	7.216	1797	0	0	485	0	0	1797

MONTH: FEB

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	49.2	5.504	249	0	1	1	0	0	249
09-11	59.5	4.770	579	0	0	82	0	0	579
12-14	63.5	4.040	547	0	0	250	0	0	547
15-17	62.2	4.432	176	0	0	57	0	0	176
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	59.6	6.750	1551	0	1	390	0	0	1551

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	51.1	5.992	287	0	1	0	0	0	287
09-11	61.2	4.769	663	0	0	164	0	0	663
12-14	64.5	4.641	644	0	0	344	0	0	644
15-17	63.2	4.670	195	0	0	79	0	0	195
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	61.0	6.641	1789	0	1	587	0	0	1789

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	53.8	4.756	292	0	0	5	0	0	292
09-11	61.9	4.115	649	0	0	151	0	0	649
12-14	64.7	4.246	620	0	0	342	0	0	620
15-17	63.6	4.312	188	0	0	83	0	0	188
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	61.7	5.744	1749	0	0	581	0	0	1749

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAY

HOURS ST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	55.5	5.116	348	0	0	12	0	0	348
09-11	63.9	3.838	719	0	0	317	0	0	719
12-14	66.1	3.840	682	0	0	469	1	0	682
15-17	64.6	4.028	216	0	0	120	0	0	216
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	63.2	5.480	1965	0	0	918	1	0	1965

MONTH: JUN

HOURS ST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0		0	0	0
06-08	57.7	5.377	349	0	0	31	0	0	349
09-11	66.3	4.006	702	0	0	459	2	0	702
12-14	68.7	4.058	672	0	0	574	6	0	672
15-17	67.5	4.134	208	0	0	162	0	0	208
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	65.7	5.866	1931	0	0	1226	8	0	1931



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	58.5	5.258	324	0	0	34	0	0	324
09-11	67.2	4.032	678	0	0	506	1	0	678
12-14	69.7	3.958	659	0	0	597	2	0	659
15-17	68.5	4.417	210	0	0	171	3	0	210
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	66.7	5.751	1871	0	0	1308	6	0	1871

MONTH: AUG

00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	58.5	5.640	325	0	0	37	0	0	325
09-11	67.8	3.924	727	0	0	589	5	0	727
12-14	70.4	3.975	705	0	0	666	10	0	705
15-17	69.3	4.251	223	0	0	196	2	0	223
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	67.4	5.965	1980	0	0	1488	17	0	1980

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	57.9	4.992	307	0	0	17	0	0	307
09-11	66.9	3.495	686	0	0	506	0	0	686
12-14	69.0	3.627	667	0	0	599	0	0	667
15-17	67.8	3.742	209	0	0	168	0	0	209
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	66.3	5.430	1869	0	0	1290	0	0	1869

MONTH: OCT

00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	56.2	5.535	312	0	0	14	0	0	312
09-11	66.0	3.652	710	0	0	478	0	0	710
12-14	68.3	3.348	691	0	0	590	1	0	691
15-17	66.4	3.310	216	0	0	151	0	0	216
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	65.3	5.688	1929	0	0	1233	1	0	1929

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	55.5	5.555	245	0	0	5	0	0	245
09-11	65.0	4.065	567	0	0	324	0	0	567
12-14	67.9	3.468	525	0	0	453	0	0	525
15-17	66.1	3.264	157	0	0	112	0	0	157
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	64.6	5.866	1494	0	0	894	0	0	1494

MONTH: DEC

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	50.5	5.628	238	0	0	2	0	0	238
09-11	61.9	4.800	564	0	0	179	0	0	564
12-14	65.1	3.945	527	0	0	318	0	0	527
15-17	63.8	4.015	154	0	0	67	0	0	154
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	61.4	6.806	1483	0	0	566	0	0	1483

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	54.6	6.465	3584	0	2	158	0	0	3584
09-11	64.1	5.100	7904	0	0	3882	8	0	7904
12-14	66.9	4.615	7573	0	0	5496	20	0	7573
15-17	65.6	4.721	2347	0	0	1430	5	0	2347
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	63.7	6.676	21408	0	2	10966	33	0	21408

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	43.8	4.916	307	4	39	0	0	0	307
09-11	51.6	4.039	657	0	471	0	0	0	657
12-14	55.9	3.209	633	0	612	1	0	0	633
15-17	56.4	3.079	195	0	191	0	0	0	195
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	52.3	5.866	1792	4	1313	1	0	0	1792

MONTH: FEB

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	44.4	5.165	249	3	38	0	0	0	249
09-11	51.3	4.327	579	0	387	0	0	0	579
12-14	55.5	3.438	547	0	520	0	0	0	547
15-17	55.6	3.329	176	0	169	0	0	0	176
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	52.2	5.668	1551	3	1114	0	0	0	1551

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DE F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	45.8	5.099	282	6	71	0	0	0	282
09-11	52.6	3.572	650	0	523	0	0	0	650
12-14	56.5	3.191	631	0	614	0	0	0	631
15-17	56.6	3.411	193	0	186	0	0	0	193
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	53.3	5.279	1756	6	1394	0	0	0	1756

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DE F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	49.0	3.823	285	0	145	0	0	0	285
09-11	54.7	2.845	627	0	598	0	0	0	627
12-14	57.7	2.824	599	0	591	0	0	0	599
15-17	57.6	2.565	182	0	182	0	0	0	182
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	55.1	4.291	1693	0	1516	0	0	0	1693

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	50.4	3.835	348	0	221	0	0	0	348
09-11	56.1	2.707	719	0	701	0	0	0	719
12-14	58.9	2.375	682	0	681	0	0	0	682
15-17	58.7	2.379	216	0	216	0	0	0	216
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	56.4	4.183	1965	0	1819	0	0	0	1965

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	51.5	3.697	348	0	246	0	0	0	348
09-11	57.4	2.770	702	0	700	0	0	0	702
12-14	60.6	2.323	672	0	672	3	0	0	672
15-17	60.6	2.332	208	0	208	1	0	0	208
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	57.8	4.232	1930	0	1826	4	0	0	1930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	52.6	3.947	323	0	251	0	0	0	323
09-11	58.1	2.646	677	0	676	0	0	0	677
12-14	61.1	2.348	658	0	658	2	0	0	658
15-17	61.1	2.147	209	0	209	1	0	0	209
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	58.5	4.069	1867	0	1794	3	0	0	1867

MONTH: AUG

00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	52.4	4.154	324	0	253	0	0	0	324
09-11	58.0	3.085	726	0	722	1	0	0	726
12-14	61.5	2.396	702	0	702	2	0	0	702
15-17	61.7	2.289	223	0	223	4	0	0	223
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	58.7	4.400	1975	0	1900	7	0	0	1975



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	52.6	3.824	298	0	240	0	0	0	298
09-11	58.2	2.813	659	0	658	1	0	0	659
12-14	61.5	2.015	639	0	639	2	0	0	639
15-17	61.5	2.163	201	0	201	2	0	0	201
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	58.8	4.189	1797	0	1738	5	0	0	1797

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	50.9	4.564	308	0	206	0	0	0	308
09-11	57.1	3.147	696	0	686	0	0	0	696
12-14	60.7	2.119	676	0	676	3	0	0	676
15-17	60.7	1.987	211	0	211	0	0	0	211
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	57.8	4.530	1891	0	1779	3	0	0	1891

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	49.5	4.823	245	0	136	0	0	0	245
09-11	56.0	3.162	567	0	552	0	0	0	567
12-14	59.3	2.504	525	0	524	0	0	0	525
15-17	59.2	2.172	157	0	157	0	0	0	157
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	56.4	4.655	1494	0	1369	0	0	0	1494

MONTH: DEC

00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	45.0	4.987	238	3	39	0	0	0	238
09-11	52.3	3.693	562	0	435	0	0	0	562
12-14	56.5	3.122	526	0	511	0	0	0	526
15-17	56.9	2.980	154	0	150	0	0	0	154
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	53.1	5.463	1480	3	1135	0	0	0	1480

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	49.2	5.450	3555	16	1885	0	0	0	3555
09-11	55.4	4.207	7821	0	7109	2	0	0	7821
12-14	58.9	3.509	7490	0	7400	13	0	0	7490
15-17	59.0	3.407	2325	0	2303	8	0	0	2325
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	56.0	5.387	21191	16	18697	23	0	0	21191

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	38.7	8.539	307	35	203	307	0	307
09-11	43.0	9.788	657	58	506	632	0	657
12-14	49.0	7.502	633	12	591	533	0	633
15-17	51.2	5.880	195	2	188	157	0	195
18-20	.0	.000	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0
ALL HOURS	45.3	9.468	1792	107	1488	1629	0	1792

MONTH: FEB

00-02	.0	.000	0	0	0	0	0	547
03-05	.0	.000	0	0	0	0	0	547
06-08	38.7	9.082	249	30	167	249	0	547
09-11	42.7	10.801	579	50	470	558	0	547
12-14	48.6	7.452	547	11	507	479	0	547
15-17	50.1	6.290	176	1	169	151	0	547
18-20	.0	.000	0	0	0	0	0	547
21-23	.0	.000	0	0	0	0	0	547
ALL HOURS	45.0	9.846	1551	92	1313	1437	0	1551

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	39.8	8.082	282	29	196	282	0	282
09-11	44.3	8.551	650	28	552	640	0	650
12-14	49.9	6.889	631	6	608	547	0	631
15-17	51.2	7.812	193	3	185	146	0	193
18-20	.0	.000	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0
ALL HOURS	46.3	8.785	1756	66	1541	1615	0	1756

MONTH: APR

00-02	.0	.000	0	0	0	0	0	599
03-05	.0	.000	0	0	0	0	0	599
06-08	44.2	6.142	285	7	262	284	0	599
09-11	48.4	5.964	627	9	598	596	0	599
12-14	52.1	5.453	599	3	587	447	0	599
15-17	52.9	5.197	182	1	179	118	0	599
18-20	.0	.000	0	0	0	0	0	599
21-23	.0	.000	0	0	0	0	0	599
ALL HOURS	49.5	6.512	1693	20	1626	1445	0	1693

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	45.7	5.640	348	3	326	347	0	348
09-11	49.7	5.435	719	4	693	658	0	719
12-14	53.7	4.557	682	0	672	418	0	682
15-17	54.4	4.537	216	0	213	108	0	216
18-20	.0	.000	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0
ALL HOURS	50.9	6.000	1965	7	1904	1531	0	1965

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
00-02	.0	.000	0	0	0	0	0	672
03-05	.0	.000	0	0	0	0	0	672
06-08	45.7	6.183	348	3	320	342	0	672
09-11	50.2	6.278	702	3	675	591	0	672
12-14	54.8	5.611	672	3	666	324	2	672
15-17	55.8	5.121	208	0	206	74	1	672
18-20	.0	.000	0	0	0	0	0	672
21-23	.0	.000	0	0	0	0	0	672
ALL HOURS	51.6	6.900	1930	9	1867	1331	3	1930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	47.4	5.828	323	1	305	306	0	323
09-11	51.0	6.134	677	6	656	524	0	677
12-14	55.0	5.706	658	3	645	273	1	658
15-17	55.9	5.173	209	0	207	69	1	209
18-20	.0	.000	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0
ALL HOURS	52.3	6.561	1867	10	1813	1172	2	1867

MONTH: AUG

00-02	.0	.000	0	0	0	0	0	702
03-05	.0	.000	0	0	0	0	0	702
06-08	46.9	6.683	324	4	297	303	0	702
09-11	50.1	6.984	726	9	690	568	0	702
12-14	55.1	5.687	702	3	691	299	1	702
15-17	56.5	5.354	223	0	221	64	5	702
18-20	.0	.000	0	0	0	0	0	702
21-23	.0	.000	0	0	0	0	0	702
ALL HOURS	52.1	7.193	1975	16	1899	1234	6	1975

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	47.9	5.411	298	1	289	286	0	298
09-11	51.5	5.617	659	5	647	507	0	659
12-14	56.3	4.094	639	0	635	216	3	639
15-17	57.0	4.163	201	0	200	48	1	201
18-20	.0	.000	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0
ALL HOURS	53.2	5.951	1797	6	1771	1057	4	1797

MONTH: OCT

00-02	.0	.000	0	0	0	0	0	676
03-05	.0	.000	0	0	0	0	0	676
06-08	46.0	6.520	308	4	284	298	0	676
09-11	49.9	6.460	696	9	671	580	0	676
12-14	55.4	4.306	676	1	673	311	4	676
15-17	56.8	2.993	211	0	211	61	0	676
18-20	.0	.000	0	0	0	0	0	676
21-23	.0	.000	0	0	0	0	0	676
ALL HOURS	52.0	6.661	1891	14	1839	1250	4	1891



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	43.6	7.953	245	11	201	241	0	245
09-11	48.3	6.985	567	8	522	499	0	567
12-14	52.8	5.332	525	2	519	357	0	525
15-17	54.0	5.718	157	1	154	85	0	157
18-20	.0	.000	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0
ALL HOURS	49.7	7.402	1494	22	1396	1182	0	1494

MONTH: DEC

00-02	.0	.000	0	0	0	0	0	526
03-05	.0	.000	0	0	0	0	0	526
06-08	38.5	8.841	238	26	149	238	0	526
09-11	42.8	9.491	562	42	439	545	0	526
12-14	49.3	7.161	526	11	498	452	0	526
15-17	51.1	6.781	154	3	147	119	0	526
18-20	.0	.000	0	0	0	0	0	526
21-23	.0	.000	0	0	0	0	0	526
ALL HOURS	45.3	9.454	1480	82	1233	1354	0	1480

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	43.9	7.894	3555	154	2999	3483	0	3555
09-11	47.8	8.177	7821	231	7119	6898	0	7821
12-14	52.8	6.489	7490	55	7292	4656	11	7490
15-17	54.1	6.028	2325	11	2280	1200	8	2325
18-20	.0	.000	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0
ALL HOURS	49.6	8.157	21191	451	19690	16237	19	21191

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JAN

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	0
03-05										.0	0
06-08	100.0	99.0	96.7	91.5	83.4	75.9	63.2	42.7	21.2	72.4	307
09-11	99.8	95.4	86.5	76.6	64.7	50.7	31.7	17.2	5.9	57.4	657
12-14	100.0	98.6	93.4	86.7	76.3	56.9	31.1	15.6	7.1	61.1	633
15-17	100.0	100.0	96.9	94.9	89.7	72.3	49.2	22.6	10.8	67.9	195
18-20										.0	0
21-23										.0	0
ALL HOURS	99.9	97.7	91.8	84.7	74.7	59.5	38.8	21.6	9.5	62.4	1792

MONTH: FEB

00-02										.0	0
03-05										.0	0
06-08	100.0	98.4	95.2	89.2	83.9	73.5	57.0	39.0	20.5	70.4	249
09-11	98.8	94.0	90.8	82.0	69.4	48.4	29.9	15.4	7.4	58.1	579
12-14	100.0	98.4	94.9	89.2	76.2	52.7	28.3	16.1	9.5	61.1	547
15-17	100.0	99.4	97.2	92.6	83.5	68.8	44.3	25.0	10.8	66.9	176
18-20										.0	0
21-23										.0	0
ALL HOURS	99.5	96.8	93.7	86.9	75.8	56.2	35.3	20.5	10.6	62.1	1551

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	0
03-05										.0	0
06-08	100.0	99.6	96.5	89.7	82.6	68.1	50.0	31.6	12.1	67.7	282
09-11	99.2	97.4	91.5	82.6	66.5	46.0	25.5	13.2	4.3	57.2	650
12-14	99.2	99.0	96.4	90.0	77.8	58.6	32.0	14.3	4.3	61.9	631
15-17	99.0	99.0	96.9	93.3	86.5	74.1	49.7	26.4	8.8	67.9	193
18-20										.0	0
21-23										.0	0
ALL HOURS	99.3	98.5	94.6	87.6	75.3	57.2	34.5	18.0	6.0	61.7	1756

MONTH: APR

00-02										.0	0
03-05										.0	0
06-08	100.0	99.3	97.5	96.1	91.9	80.7	58.9	34.4	13.3	71.7	285
09-11	99.8	98.9	97.4	94.3	84.7	62.2	30.8	14.7	4.3	63.0	627
12-14	100.0	99.3	98.0	95.7	87.8	64.8	36.6	17.2	7.2	65.2	599
15-17	100.0	98.9	98.9	96.2	91.2	73.6	48.9	29.1	15.4	69.8	182
18-20										.0	0
21-23										.0	0
ALL HOURS	99.9	99.1	97.8	95.3	87.7	67.5	39.5	20.4	8.0	66.0	1693

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02										.0	0
03-05										.0	0
06-08	100.0	99.7	98.3	95.1	90.8	80.2	57.2	35.9	9.5	71.7	348
09-11	100.0	99.6	98.1	92.9	82.5	59.4	27.8	9.2	3.2	61.8	719
12-14	100.0	99.6	98.7	97.1	89.4	67.3	40.3	16.3	5.9	65.9	682
15-17	100.0	99.5	98.6	97.2	93.1	79.2	58.3	30.1	13.0	71.3	216
18-20										.0	0
21-23										.0	0
ALL HOURS	100.0	99.6	98.4	95.2	87.5	68.0	40.7	18.7	6.3	66.0	1965

MONTH: JUN

00-02										.0	0
03-05										.0	0
06-08	100.0	99.7	96.8	92.2	82.5	69.3	48.9	26.1	10.1	67.1	348
09-11	99.6	99.6	94.4	87.3	75.8	53.0	23.1	5.4	1.3	58.5	702
12-14	100.0	99.4	96.9	91.4	83.0	63.2	38.4	15.5	4.6	63.5	672
15-17	100.0	99.5	97.6	94.7	85.1	75.5	53.4	26.9	9.1	68.5	208
18-20										.0	0
21-23										.0	0
ALL HOURS	99.8	99.5	96.1	90.4	80.5	61.9	36.3	15.0	4.9	62.9	1930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	98.1	96.6	88.9	73.1	50.5	25.7	10.8	68.4	323
09-11	100.0	98.7	95.9	89.2	74.9	48.3	19.9	6.4	2.1	58.1	677
12-14	100.0	99.2	96.4	92.4	82.1	55.0	31.8	13.4	4.4	61.8	658
15-17	100.0	99.0	98.1	93.8	85.6	65.6	43.5	24.4	10.0	66.7	209
18-20										.0	0
21-23										.0	0
ALL HOURS	100.0	99.1	96.7	92.1	81.0	56.9	32.0	14.2	5.3	62.2	1867

MONTH: AUG

00-02										.0	0
03-05										.0	0
06-08	100.0	99.7	96.9	90.7	84.6	70.7	50.3	30.6	12.3	68.1	324
09-11	100.0	98.3	94.1	82.9	68.2	42.0	17.6	4.8	.8	55.6	726
12-14	100.0	98.9	96.9	90.7	79.1	54.1	28.9	9.8	3.7	60.8	702
15-17	100.0	99.6	96.9	92.8	85.7	70.0	43.5	21.5	6.7	66.1	223
18-20										.0	0
21-23										.0	0
ALL HOURS	100.0	98.9	95.8	88.1	76.7	54.2	29.9	12.7	4.4	60.7	1975

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LSI TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	0
03-05										.0	0
06-08	100.0	99.7	99.3	97.3	90.3	76.8	55.4	35.6	11.1	71.3	298
09-11	100.0	99.2	98.5	92.7	78.3	51.1	21.1	3.9	.6	59.1	659
12-14	100.0	100.0	98.7	97.0	91.2	65.9	36.6	11.4	3.4	65.0	639
15-17	100.0	99.5	99.0	97.5	94.0	79.1	50.2	24.9	7.5	69.4	201
18-20										.0	0
21-23										.0	0
ALL HOURS	100.0	99.6	98.8	95.5	86.6	63.8	35.6	14.2	4.1	64.4	1797

MONTH: OCT

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	99.0	95.1	88.6	76.0	57.1	35.1	11.4	70.9	308
09-11	100.0	99.1	96.3	88.9	74.0	48.7	20.4	6.6	.6	58.1	696
12-14	100.0	99.7	98.8	97.5	89.9	65.2	36.1	12.1	2.8	64.8	676
15-17	100.0	100.0	99.5	99.5	98.6	87.2	56.9	29.9	10.4	72.5	211
18-20										.0	0
21-23										.0	0
ALL HOURS	100.0	99.6	98.0	94.2	84.8	63.4	36.1	15.8	4.2	64.2	1891

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF MI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	0
03-05										.0	0
06-08	100.0	99.2	97.1	91.8	80.4	66.1	49.8	31.0	11.8	67.1	245
09-11	100.0	99.1	94.0	84.0	69.3	45.7	24.5	9.5	3.2	57.4	567
12-14	100.0	99.4	97.9	93.3	79.4	53.0	24.0	8.2	2.5	60.2	525
15-17	100.0	99.4	96.8	93.6	87.9	73.2	49.0	21.0	7.0	67.2	157
18-20										.0	0
21-23										.0	0
ALL HOURS	100.0	99.3	96.2	89.6	76.6	54.5	31.1	13.8	4.8	61.0	1494

MONTH: DEC

00-02										.0	0
03-05										.0	0
06-08	100.0	98.7	96.2	90.3	76.5	63.9	48.3	29.0	15.5	66.7	238
09-11	98.9	95.4	87.9	74.2	56.0	39.3	22.1	13.0	5.9	53.8	562
12-14	99.6	98.1	96.0	89.5	74.9	50.6	26.6	10.3	3.8	59.4	526
15-17	100.0	98.7	96.8	94.2	82.5	71.4	46.8	22.1	6.5	66.1	154
18-20										.0	0
21-23										.0	0
ALL HOURS	99.5	97.2	93.0	84.3	68.8	50.6	30.5	15.5	6.8	59.1	1480



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	0
03-05										.0	0
06-08	100.0	99.5	97.4	93.1	85.7	73.1	54.0	33.0	13.1	69.5	3555
09-11	99.7	98.0	93.9	85.9	72.3	59.7	24.4	9.7	3.2	58.2	7821
12-14	99.9	99.2	96.9	92.6	82.5	59.3	32.9	13.4	4.9	62.7	7490
15-17	99.9	99.4	97.8	95.1	88.8	74.3	49.6	25.5	9.7	68.4	2325
18-20										.0	0
21-23										.0	0
ALL HOURS	99.8	98.8	96.0	90.5	80.0	59.7	35.1	16.7	6.2	62.8	21191

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	FFFFFFFFFF
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	FFFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRR	TT	FFFFFF
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	FFFFFF
PP	AAAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0200	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0500	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0800	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
1100	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
1400	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
1700	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
2000	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
2300	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0200	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0500	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0800	MEAN	30.21	30.20	30.24	30.24	30.24	30.26	30.26	30.25	30.24	30.25	30.25	30.22	30.24
	SD	.071	.080	.072	.054	.051	.040	.042	.039	.037	.040	.062	.071	.058
	TOT OBS	220	193	221	220	242	235	222	238	227	235	191	187	2631
1100	MEAN	30.22	30.21	30.25	30.25	30.25	30.26	30.26	30.26	30.25	30.25	30.24	30.22	30.24
	SD	.069	.081	.072	.054	.052	.041	.041	.038	.036	.039	.060	.068	.057
	TOT OBS	220	188	220	213	236	232	223	241	229	237	186	188	2613
1400	MEAN	30.16	30.15	30.20	30.20	30.21	30.24	30.23	30.22	30.20	30.19	30.19	30.16	30.20
	SD	.070	.082	.072	.057	.053	.042	.043	.040	.037	.039	.057	.071	.063
	TOT OBS	203	180	212	202	226	219	216	230	217	224	171	167	2467
1700	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
2000	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
2300	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	MEAN	30.20	30.19	30.23	30.23	30.24	30.26	30.25	30.24	30.23	30.23	30.23	30.20	30.23
	SD	.076	.085	.076	.059	.054	.042	.044	.042	.042	.046	.065	.076	.063
	TOT OBS	643	561	653	635	704	686	661	709	673	696	548	542	7711

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0200	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0500	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0800	MEAN	24.05	24.03	24.07	24.07	24.07	24.09	24.08	24.08	24.07	24.07	24.08	24.05	24.07
	SD	.060	.066	.060	.045	.043	.033	.035	.032	.031	.033	.051	.059	.049
	TOT OBS	220	193	221	220	242	235	222	238	227	235	191	187	2631
1100	MEAN	24.05	24.04	24.08	24.07	24.08	24.09	24.09	24.08	24.07	24.08	24.07	24.06	24.07
	SD	.057	.068	.060	.045	.044	.034	.034	.032	.030	.032	.050	.056	.048
	TOT OBS	220	188	220	213	236	232	223	241	229	237	186	188	2613
1400	MEAN	24.00	23.99	24.04	24.03	24.05	24.07	24.06	24.05	24.04	24.03	24.03	24.00	24.03
	SD	.059	.068	.060	.048	.044	.035	.036	.033	.031	.032	.048	.059	.052
	TOT OBS	203	180	212	202	226	219	216	230	217	224	171	167	2467
1700	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
2000	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
2300	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	MEAN	24.04	24.02	24.06	24.06	24.07	24.08	24.08	24.07	24.06	24.06	24.06	24.04	24.06
	SD	.063	.071	.063	.049	.045	.035	.037	.035	.035	.039	.055	.063	.052
	TOT OBS	643	561	653	635	704	686	661	709	673	696	548	542	7711

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGG
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRRR	TT	GG
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	GG GGGG
PP	AAAAAAAAA	RR RR	TT	GG GGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGGG
PP	AA AA	RR RR	TT	GGGGGG

PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 090-270

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				0				0				308				661
CATEGORY B				0				0	.3			310	2.2	.4	.1	671

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3			634	.5			195				0				0
CATEGORY B	5.4	2.3	.5	665	3.5	2.0	.5	200				0				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.2			1798	.2			1798
CATEGORY B	3.2	1.2	.3	1846	3.2	1.2	.3	1846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 090-270

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				0				0				249				579
CATEGORY B				0				0	.4			266	2.1	.3		605

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				548	.6			176				0				0
CATEGORY B	3.6	.9		587	2.3	.6		176				0				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1			1552	.1			1552
CATEGORY B	2.4	.5		1634	2.4	.5		1634

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 090-270

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				0				0				288	.3			663
CATEGORY B				0				0	1.6	.3		374	4.1	.7		687

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.5			645				195				0				0
CATEGORY B	5.3	1.1		713	4.6			195				0				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3			1791	.3			1791
CATEGORY B	4.2	.7		1899	4.2	.7		1899

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 090-270

STATION NUMBER: 911977 STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				0				0	.3			292	.9			649
CATEGORY B				0				0	1.4	.3		296	6.0	2.4	1.2	680

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.0			621	.5			188				0				0
CATEGORY B	6.6	1.9	.6	683	5.8	1.1		189				0				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.8			1750	.8			1750
CATEGORY B	5.5	1.7	.6	1848	5.5	1.7	.6	1848

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 090-270

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				0				0				348				720
CATEGORY B				0				0				353	2.6	.4		730

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				682				216				0				0
CATEGORY B	3.4	.5		737	1.4			218				0				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				1966				1966
CATEGORY B	2.3	.3		2038	2.3	.3		2038

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 090-270

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: JUN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				0				0				349	1.0			702
CATEGORY B				0				0	1.7	.9	.3	351	4.2	1.8	1.1	713

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.8			672	1.9			208				0				0
CATEGORY B	4.5	2.6	1.0	696	4.7	2.8	1.4	214				0				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.2			1931	1.2			1931
CATEGORY B	3.9	2.0	1.0	1974	3.9	2.0	1.0	1974

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 090-270

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 APR 90  
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				0				0	.3			325	.1			678
CATEGORY B				0				0	1.2	.3		329	3.8	.6	.1	688

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.5			660				210				0				0
CATEGORY B	5.6	1.7	.1	714	4.7	1.9		212				0				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3			1873	.3			1873
CATEGORY B	4.1	1.1	.1	1943	4.1	1.1	.1	1943

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 090-270

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				0				0				325			.4	728
CATEGORY B				0				0	1.5			325	5.4	1.9		742

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3			705				223				0				0
CATEGORY B	6.2	1.5	.1	741	3.1	.4		225				0				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3			1981	.3			1981
CATEGORY B	4.8	1.3	.0	2033	4.8	1.3	.0	2033



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 090-270

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: SEP

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				0				0				307	.1			686
CATEGORY B				0				0	.3			307	1.9	.4		687

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1			667				209				0				0
CATEGORY B	3.2	1.3	.1	698	4.3	.5	.5	210				0				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1			1869	.1			1869
CATEGORY B	2.4	.7	.1	1902	2.4	.7	.1	1902

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 090-270

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				0				0				312	.1			710
CATEGORY B				0				0				316	1.5	.3		723

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1			691				216				0				0
CATEGORY B	1.9	.3	.1	736	.9			222				0				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1			1929	.1			1929
CATEGORY B	1.4	.2	.1	1997	1.4	.2	.1	1997

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 090-270

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				0				0				245	.5			567
CATEGORY B				0				0	1.6			251	6.2	.9		577

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.8			525	.6			157				0				0
CATEGORY B	6.8	1.8	.4	541	6.4	.6		157				0				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.5			1494	.5			1494
CATEGORY B	5.7	1.0	.1	1526	5.7	1.0	.1	1526

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 090-270

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				0				0	.4			238	.7			564
CATEGORY B				0				0	1.2	.4		243	3.8	1.0	.3	575

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.6			527	.6			154				0				0
CATEGORY B	5.6	1.5		538	5.2	2.6		154				0				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.6			1483	.6			1483
CATEGORY B	4.2	1.3	.1	1510	4.2	1.3	.1	1510

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 090-270

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LT TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90  
MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				0				0	.1			3586	.4			7907
CATEGORY B				0				0	.9	.2	.0	3651	3.6	.9	.2	9078

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.5			7577	.4			2347				0				0
CATEGORY B	4.8	1.4	.2	8049	3.8	1.0	.2	2372				0				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.4			21417	.4			21417
CATEGORY B	3.6	1.0	.2	22150	3.6	1.0	.2	22150

PPPPPPP	AAAAAA	RRRRRRR	TT.TTTTTT	HH	HH
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPP	AA AA	RRRRRRRR	TT	HHHHHHHHH	HH
PPPPPPPP	AAAAAAAAA	RRRRRRR	TT	HHHHHHHHH	HH
PP	AAAAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (\*\*\*\*) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES\* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES\* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

\*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR PART TIME PERIODS.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS  
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
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MEAN |

SD |



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS  
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 911977

STATION NAME: BRADSHAW AAF HI  
LST TO UTC: +10

PERIOD OF RECORD: MAY 80 - APR 90

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DE	ANN
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MEAN

SD

A W S	STATION NAME: BRADSHAW AAF HI	FIELD ELEV: 6189 FT
CLIMATIC BRIEF	LATITUDE/LONGITUDE: 19 46 N 155 33 W	STATION MSC: 911977
(LIMITED)	HOURLY OBS POR: MAY 80 - APR 90	CALL SIGN: PHSF
AUG 90	SUMMARY OF DAY POR: AUG 79 - APR 90 (PART TIME- CLOSED NIGHTS/WEEKENDS/HOLIDAYS)	SUPERSEDES: NONE
	HOURS SUMMARIZED: 0700 - 1500 LST	
	LST TO UTC: +10	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	78	77	79	77	80	83	83	84	82	80	79	80	84	12
MEAN MAX TEMP (F)	67	66	67	67	69	71	72	73	72	70	70	67	69	12
MEAN TEMP (F)	53	53	54	55	56	58	60	60	59	58	58	55	57	12
MEAN MIN TEMP (F)	40	39	41	43	43	44	47	47	46	46	46	42	44	12
EXTRM MIN TEMP (F)	24	27	29	31	33	33	33	34	36	34	33	27	24	12
D/W TEMP GE 80 (F)	0	0	0	0	#	1	1	1	#	#	0	#	3	12
D/W TEMP GE 70 (F)	7	4	10	8	12	20	24	27	22	20	18	8	180	12
D/W TEMP LT 40 (F)	16	16	16	12	10	9	4	5	4	3	5	14	114	12
D/W TEMP LT 33 (F)	4	5	2	1	0	0	0	0	0	0	0	2	14	12
HEATING DEGREE DAYS	*	*	*	*	*	*	*	*	*	*	*	*	*	*
COOLING DEGREE DAYS	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN DEWPOINT TEMP (F)	45	45	46	49	50	51	52	52	53	52	49	45	49	10
MEAN WET BULB TEMP (F)	52	52	53	55	56	57	58	58	58	57	56	53	56	10
99.95% WCPA (FT)	5650	5700	5650	5600	5600	5550	5550	5550	5550	5550	5600	5650	5600	10
MEAN REL HUM 07 LST(%)	72.4	70.4	67.7	71.7	71.7	67.1	68.4	68.1	71.3	70.9	67.1	66.7	69.5	10
MEAN REL HUM 13 LST(%)	61.1	61.1	61.9	65.2	65.9	63.5	61.8	60.8	65.0	64.8	60.2	59.4	62.7	10
MAX 24HR PRECIP (IN)	4.31	2.55	3.78	2.04	1.08	.73	1.12	1.88	1.44	1.29	4.57	5.70	5.70	12
& MAX PRECIP (IN)	6.83	4.66	6.21	5.36	3.15	1.59	3.43	2.91	2.43	3.48	5.01	6.42	27.91	12
& MEAN PRECIP (IN)	2.01	1.78	2.03	1.37	.94	.47	1.04	1.10	1.10	1.11	1.27	1.64	14.48	12
MEAN PRECIP HALEPOHAKU	2.72	3.58	3.35	1.56	.78	.54	1.31	3.30	1.35	1.49	2.07	2.95	25.00	21
& MIN PRECIP (IN)	#	.00	.00	.07	.06	.00	#	.00	.06	.15	.00	.05	5.74	12
& D/W PRECIP GE .01 (IN)	6	7	6	7	6	4	6	5	8	8	5	5	73	12
& D/W PRECIP GT .50 (IN)	2	2	2	1	1	1	1	1	1	1	1	1	15	12
MAX 24HR SNFL (IN)	#	0	0	#	#	0	0	0	0	0	0	0	#	12
MAX SNFL (IN)	#	0	0	#	#	0	0	0	0	0	0	0	#	12
MEAN SNFL (IN)	#	0	0	#	#	0	0	0	0	0	0	0	#	12
D/W SNFL GE .1 (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	12
D/W SNFL GE 1.5 (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	12
MAX DLY SNO DEPTH (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	12
PRVING WND DIR (DEG)	26-28	26-28	26-28	26-28	26-28	26-28	26-28	26-28	26-28	26-28	11-13	26-28	26-28	10
MEAN WND SPD (KTS)	7	7	8	8	7	7	8	8	7	7	9	7	7	10
MAX WND SPD (KTS)	42	48	48	48	38	36	45	36	38	36	42	50	50	9
SKY COVER GT 5/10 (%)	24.5	27.9	30.9	47.5	41.5	36.6	36.4	31.3	41.1	42.6	34.9	22.7	35.2	10
D/W THUNDERSTORMS	1	1	1	1	1	0	1	1	1	1	1	1	11	10
D/W FOG (VSBY LT 7 MI)	4	3	3	3	3	2	3	2	2	2	1	2	5	10

LEGEND: ANN = ANNUAL

D/W = MEAN NUMBER OF DAYS WITH

& = BASED ON LESS THAN FULL MONTHS

\*\* = INSTANTANEOUS PEAK WINDS

\* = DATA NOT AVAILABLE

POR/YOR = PERIOD/YEARS OF RECORD

WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE

# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE

\$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY	LST														
	07 - 08	4.2	5.6	2.8	1.7	3.2	.9	.6	.6	.7	.6	2.0	3.4	2.2	10
	09 - 11	3.2	3.8	3.2	1.8	2.1	1.0	1.2	1.0	1.3	1.7	2.3	2.0	2.0	10
	12 - 14	4.9	8.6	9.3	14.0	14.7	15.8	15.5	13.6	17.7	14.2	7.0	4.4	11.7	10
	15 - 15	7.7	16.5	20.5	28.7	36.6	29.8	34.8	26.0	33.0	23.6	14.6	8.4	23.3	10
	ALL	4.5	7.2	7.2	9.0	10.4	9.2	10.3	8.2	10.6	8.5	5.2	3.7	8.0	10
CIG LT 1500 FT AND/OR VSBY	07 - 08	2.9	1.6	2.1	.3	1.4	.0	.0	.0	.3	.0	1.2	2.1	1.0	10
	09 - 11	1.4	1.2	1.4	.6	.6	.0	.3	.0	.0	.0	.2	.7	.5	10
	12 - 14	1.7	2.7	1.6	2.4	1.8	1.8	2.3	.9	2.5	.7	.4	1.1	1.7	10
	15 - 15	2.1	4.0	5.6	9.0	7.4	2.9	5.2	4.5	6.7	4.2	3.8	3.2	4.9	10
	ALL	1.8	2.1	2.0	2.1	1.9	.9	1.5	.8	1.7	.7	.8	1.3	1.5	10
CIG LT 1000 FT AND/OR VSBY	07 - 08	1.9	1.2	1.0	.3	.9	.0	.0	.0	.3	.0	1.2	1.7	.7	10
	09 - 11	.5	.7	1.1	.5	.1	.0	.1	.0	.0	.0	.2	.5	.3	10
	12 - 14	1.1	1.8	.5	1.1	.4	.3	1.7	.3	1.2	.4	.0	.2	.7	10
	15 - 15	2.1	2.8	4.1	6.9	1.4	1.0	1.9	1.8	3.3	1.9	.0	.6	2.3	10
	ALL	1.1	1.4	1.2	1.4	.5	.2	.9	.3	.9	.4	.3	.6	.7	10
CIG LT 200 FT AND/OR VSBY	07 - 08	1.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	1.2	.8	.3	10
	09 - 11	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.2	.4	.1	10
	12 - 14	.2	.4	.2	.3	.0	.1	.2	.3	.1	.1	.0	.0	.2	10
	15 - 15	.5	.0	.0	.5	.5	.0	.0	.9	.0	.5	.0	.6	.3	10
	ALL	.3	.1	.2	.2	.1	.1	.1	.2	.1	.1	.3	.3	.2	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1965 - 1986:

HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
120NM	0/0	0/0	0/0	0/0	0/0	0/0	0/2	0/1	0/1	0/0	0/0	0/0	0/4
240NM	0/0	0/0	0/0	0/0	0/0	0/0	2/4	0/5	0/2	0/0	0/0	0/0	2/11

REMARKS : @ 24 HR AMOUNTS MAY REPRESENT PERIODS LONGER THAN 24 HOURS.

& PRECIPITATION DATA BASED ON LIMITED OBSERVATIONS - USE WITH CAUTION. MEAN AND MINIMUM PRECIPITATION VALUES DERIVED (ESTIMATED) FROM BRADSHAW AAF SOCS.

@@ MEAN PRECIPITATION PRESENTED FOR HALEPOHAKU -- 19 46 N, 155 28 W, ELEV 9220 FT. USE FOR COMPARISON PURPOSES ONLY. DATA DERIVED FROM WORLD CLIMATIC DATA (WERNSTEDT - 1972).

] ALL SNOWFALL EVENTS ARE ACTUALLY ICE PELLET EVENTS.

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